STATE OF MISSOURI

Mel Carnahan, Governor • David A. Shorr, Director

DEPARTMENT OF NATURAL RESOURCES

---- DIVISION OF ENVIRONMENTAL QUALITY-

St. Louis Regional Office

June 30, 1993

10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017 (314)822-0101

FAX (31+)822-09+3

Mr. Joseph Haake, Group Manager Environmental and Hazardous Materials Services McDonnell Douglas Aerospace East Dept. 064C Mail Code 1003377 P.O. Box 516 St. Louis, MO 63166-0516

HAZARDOUS WASTE PROGRAM MISSOURI DEPARTMENT OF NATURAL RESOURCES

Dear Mr. Haake:

Enclosed is a report of an inspection conducted by Mr. Joe Trunko of my staff. The section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection and outlines steps the inspector has determined will correct those violations.

We have received your company's June 21, 1993, response to Notice of Violation (NOV) #2778. This NOV was issued as a result of violations noted during the inspection. A review of the company's response indicates that the proper corrective actions for each violation have been taken. No further response concerning the NOV is required from you at this time.

The Department requests that the following additional information be submitted and/or actions be taken:

- The McDonnell Aircraft Company has been recently reorganized and has 1. changed its name to McDonnell Douglas Aerospace East (MDAE). An updated Notification of Hazardous Waste Activity Form has not been submitted to the HWP. An updated notification form must be submitted denoting the new facility name.
- MDAE received a letter from the HWP, dated May 27, 1993, concerning the modifications requested by MDAE. The letter also contained additional actions that the HWP has determined are needed in order to complete proper closure of several of the storage areas\tanks. Questions concerning this matter should be directed to Mr. Steve Jaques of the HWP at (314) 751-3176.

OFC / CLED PAPER

RCRA RECORDS CENTER

- MDAE currently operates a portable unit that filters waste oil for reuse. This unit was observed in Building 29 during the inspection. Please submit to this office the following information: a description of the recycling unit, the quantity of waste oil that is recycled each month, a description of how waste oil is stored prior to recycling, and a description of how any waste materials generated during the process are managed/disposed of.
- In 1986, the five 500-gallon acid tanks (H12-H16) were removed and 4. replaced with three, 850-gallon tanks (H12-H14). A detailed written assessment for these new tanks was not available at the time of the inspection. As per 40 CFR 265.192, the owner or operator must obtain a written assessment, reviewed and certified by an independent, qualified, registered professional engineer, attesting that the system has sufficient structural integrity and is acceptable for the storing of hazardous waste. Please submit this information to this office.
- 5. As per the approved permit, the Building 14 Sludge Holding Tank is required to be drained and inspected for cracks and corrosion every five years. In 1988, the tank was drained and inspected. At that time, cracks were observed in the wall of the tank. Due to difficulty in repairing the cracks, a liner was installed in the inside of the tank. Records of the inspection that was conducted and the liner installation were not available at the time of the inspection. Please submit information to this office concerning the inspection that was conducted of the tank and the liner that was installed.

Please submit the information requested in items #4, 5 and 6 to this office within 30 days of receipt of this report. Should you have any questions, please call Mr. Joe Trunko at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

t S.P. Eck

Robert S. P. Eck

Regional Director

Enclosures

c: HWP

St. Louis County (HW)
McDonnell Douglas (Tract I)

RESOURCE CONSERVATION AND RECOVERY ACT AND MISSOURI HAZARDOUS WASTE MANAGEMENT LAW COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY

McDonnell Douglas Aerospace East (Tract I) Mail Code 1003377 P.O. Box 516 St. Louis, MO 63166-0516 (314) 232-3319 EPA ID#: MOD000818963
MO Generator ID#: 001001
Permit #: OSO 062284 002
Resource Recovery #: 0268-A
MO Transporter ID#: H-1039

PARTICIPANTS

Missouri Department of Natural Resources (MDNR)

McDonnell Douglas Aerospace East (MDAE)

Joseph L. Trunko & Doris Mann Environmental Specialists

Robert Kaatman, Manager Environmental & Hazardous Materials Services

Joseph Haake, Group Manager Environmental & Hazardous Materials Services

Bryan Kury, Ed Hickey & Charlie Kutterer Environmental & Hazardous Materials Services

INTRODUCTION

On June 10 and 11, 1993, an inspection was conducted at McDonnell Douglas Aerospace East (Tract I), located off of McDonnell Boulevard in St. Louis County. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

FACILITY DESCRIPTION

This facility was previously known as McDonnell Aircraft Company (Tract I). As a result of recent corporate reorganization, the name of the facility has been changed to McDonnell Douglas Aerospace East (Tract I) (MDAE).

MDAE is a manufacturer of military aircraft. The MDAE facility is divided into two areas--Tract I North and Tract I South. Tract I North encompasses approximately 53 acres. Operations in this area include chemical processing, machining of parts, composite manufacturing, parts degreasing and painting. Tract I South encompasses approximately 81 acres. Operations in this area include chemical processing, aircraft assembly, painting, aircraft testing (flight ramps), industrial wastewater pretreatment and a boiler house. Banshee Road divides the two areas. A site map is attached.

MDAE operates 5 days per week, 24 hours per day. Approximately 7,996 employees work at the facility.

MDAE is a large quantity generator of hazardous waste. Numerous waste streams are generated. However, the largest quantity of wastes generated consist of emulsified cutting oil, paint solids, solvent and paint waste, wastewater treatment sludge and acid and caustic waste. The most recent Notification of Hazardous Waste Activity Form for the facility is attached.

MDAE is permitted to store hazardous waste for greater than 90 days. Waste generated from on site as well as waste from off-site facilities is stored. Only waste from MDAE facilities is accepted from off site. Hazardous waste is transported to Tract I by MDAE (Missouri Transporter ID# H-1039). A Generator's Hazardous Waste Summary Report and Facility Quarterly Summary Report for the first quarter of 1993 is attached.

MDAE stores on-site generated waste (drum related) at three less- than-90-day storage areas. These areas are located on the east side of building 2, at building 45, and at building 51. Waste solvents, paints, and oils are accumulated in drums at numerous satellite locations (mainly in buildings 27, 29A, 22O, 2, 42, and 48). When full, these containers are transferred to one of the less-than-90-day storage areas.

Paint solids are accumulated in red, two cubic yard dumpsters, located throughout the facility (mainly in buildings 27, 220, 29, 2, 45, and 48). When full, these dumpsters are emptied into two roll-off dumpsters/compactors, located at the north side of building 27 and the north side of building 48. These dumpsters are transported to an off-site hazardous waste facility approximately once every two weeks.

Rags that are used to wipe-up solvents and paint are placed in red trash cans located at the immediate work areas. At the end of each day, these cans are emptied into the nearest two-yard satellite dumpster.

MDAE is permitted to store hazardous waste for greater than 90 days in the following units:

<u>Building 27 Scrap Dock Container Storage Area</u> - Containers from off site and from the on site, less-than-90-day storage areas are stored at this area. Acids, alkalis, oils, solvents, and paint sludges are stored in area 1. Cyanides and sulfides are stored in area 2. Area 2 was replaced by a

prefabricated storage building in 1989. The original area 2 must still be closed in accordance with the closure plan.

<u>Building 10 Explosives Storage Building</u> - This building was previously used to store class B and C explosives but is no longer in use. A modification requesting removal of this area from the permit has been submitted to the Hazardous Waste Program (HWP). This area must still be closed in accordance with the closure plan.

Building 14 Sludge Holding Tank - This is a 120,000-gallon, in-ground, open top tank used for the storage of wastewater treatment sludge prior to dewatering. The sludge is run through a centrifuge and the solids are accumulated in a 15 cubic yard roll-off dumpster. A diagram of the wastewater pretreatment plant is attached.

Building 52 Caustic tanks (H19, H20) - Two 10,000-gallon tanks used to store waste sodium hydroxide from the chemical milling of aluminum. This waste is sent to Reynolds Metals in Texas for use as an ingredient in alumina production. A letter concerning this matter is attached. A modification requesting removal of these tanks from the permit and reclassification as less-than-90-day storage tanks has been submitted to the HWP. The containment area for these tanks must still be closed in accordance with the closure plan.

<u>Building 52 Acid Tanks (H12-H16)</u> - Originally five 500-gallon, above-ground tanks used to store waste nitric acid from the chemical milling of titanium. These tanks were removed in 1986 and replaced with three, 850-gallon tanks (H12-H14). A modification requesting removal of the original tanks from the permit and reclassification of the new tanks as less-than-90-day storage tanks has been submitted to the HWP. The containment area for these tanks must still be closed in accordance with the closure plan.

<u>Building 52 Acid Tanks (H1-H6)</u> - Six 750-gallon, above-ground tanks used to store waste nitric acid from the chemical milling of titanium. These tanks were removed in 1986, were properly closed, and are no longer part of the permit.

<u>Building 6 Waste Oil Tank</u> - A 1,000-gallon underground tank used to store waste oil separated from the condensate of an oil-lubricated, steam-operated compressor. This tank was removed in 1989 and replaced with a 375-gallon, above-ground tank. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. The original tank has been closed in accordance with the closure plan and is no longer part of the permit (pending visual inspection by MDNR).

<u>Hush House waste Tank</u> - A 3,380-gallon underground tank used to store waste jet fuel. This tank was removed in 1989. A modification requesting removal of this tank from the permit has been submitted to the HWP. Groundwater contamination from leakage of the tank has been documented. Proper closure and remediation of this area must be in accordance with the closure plan and HWP guidance.

<u>Fuel Pit #3 & #4 Waste Tanks</u> - Two 2,000-gallon underground tanks used to store waste jet fuel. These tanks have been removed. A modification requesting removal of these tanks from the permit has been submitted to the HWP. Closure of these tanks will follow the same guidelines as for the Hush House Waste Tank.

<u>F-18 Silencer Waste Tank</u> - A 2,000-gallon underground tank used to store waste jet fuel. This tank was removed in 1992. A modification requesting removal of this tank from the permit has been submitted to the HWP. The tank has been closed in accordance with the closure plan and is no longer part of the permit (pending visual inspection by MDNR).

<u>Building 28 Waste Tank</u> - A 5,000-gallon, underground tank used to store waste jet fuel. This tank was removed and replaced with a double-wall tank. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. The area must still be closed in accordance with the closure plan.

Ramp Station 1 & 2 Waste tank - A 4,380-gallon underground tank used to store waste jet fuel. This tank is currently not in use. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. Closure of this tank will follow the same guidelines as for the Hush House Waste Tank.

Waste jet fuel that is stored at this facility is burned as a fuel in the facility's boilers. As a result, the jet fuel is not considered a solid waste. A letter concerning this matter is attached.

MDAE has a resource recovery certification (expires 8/20/94) for the following operations:

Distillation of spent Methyl Ethyl Ketone and Methyl Isobutyl Ketone. Stills are located at the paint areas in buildings 27 and 48, respectively. Still bottoms are collected in 55-gallon drums and are disposed of as hazardous waste.

The recovery of perchloroethylene by steam stripping carbon adsorption beds. This process is located in building 51. Prior to chemical milling, a maskant coating that contains perchloroethylene is applied to metal parts. As the parts dry, the perchloroethylene evaporates, is collected, and is run through a carbon adsorption unit. The perchloroethylene is stripped from the carbon beds with steam and is collected for reuse as an ingredient in new maskant production.

Operating records for the distillation units are attached.

MDAE has organized a waste minimization team in order to reduce the quantity of hazardous waste generated at the facility. Hazardous waste generation has been cut by 50% since 1987. Additional actions currently under consideration are the use of a filter press for the wastewater pretreatment sludge and the replacement of chlorinated solvents with aqueous solutions.

MDAE generates a large amount of waste coolant that is used during the machining of parts (mainly in building 27). This coolant has been analyzed and determined to be nonhazardous. An analysis report is attached.

Solid Waste generated at the facility is hauled by MDAE to the Westlake Sanitary Landfill or the Browning Ferris Industries MOPASS Sanitary Landfill.

MDAE has an NPDES permit (MO-0004782) from the MDNR for the discharge of storm water and noncontact cooling water. A fact sheet describing this permit is attached.

Copies of photographs that were taken during the inspection are attached.

UNSATISFACTORY FEATURES

1. Open satellite containers of hazardous waste, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173(a). Open satellite drums of waste paint and/or solvent were observed in the following areas: building 27 paint shop, building 220 trim area, building 2 small paint booth, and the building 48 paint area (drum storing waste MEK prior to distillation). In each case, the bung was open and contained an open funnel. In building 2, a dumpster was overfilled with paint solids. The lid was not totally closed and a strong paint odor was apparent in the immediate area of the dumpster.

A satellite container of hazardous waste must be closed at all times except when waste is being added to or removed from the container. All open containers observed during the inspection were properly closed upon discovery during the inspection. MDAE must certify to the MDNR that all satellite containers will remain closed (or will be equipped with devices satisfying the requirement) except during those times when waste is being added to or removed from the container.

- 2. Satellite containers of hazardous waste not marked, in violation of 10 CSR 25-5.262(2)(C)3. In building 27, two dumpsters containing paint solids were not marked. In building 220, two dumpsters were marked with the contents but were not dated. All satellite containers of hazardous waste must be marked with the words "HAZARDOUS WASTE", or with other words that identify the contents of the containers, and the beginning date of satellite storage.
- 3. Open container of waste oil, in violation of 10CSR 25-11.010(3)(C). A 55-gallon drum of waste oil with a open funnel inserted in the bung was observed in building 42. The drum was closed upon discovery during the inspection. All containers of waste oil that are 5 gallons or larger in size must be closed (or equipped with devices satisfying the requirement) except during those times when waste oil is being added to or removed from the containers.
- 4. Container of hazardous waste not marked, in violation of 10 CSR 25-5.262(2)(C)1. The roll-off dumpster containing the wastewater treatment

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The following numbering system incorporates the state and federal citations. The state citations to the regulations appears at the top of each section. The last part of the state citation refers to the part of 10 CFR, the federal regulation. In the column, the federal regulation appears as a period and number, .XX. The more stringent state regulations appear in parenthesis, ().

)	CSR 2	5-5.262 Standards for Generators (General/Standard/Special) Condition
	.11	Generator's MO and EFA I.D. Numbers
	(28)	No more than 10 days time between generator and facility signatures(\checkmark
	(282)	Serially Increasing shipment number
		Generator's name, address, phone #
		All transporters' names, phone #'s, MO and EPA I.D. #'s
		Designated facility name, address, phone # and EPA I.D. #
		Proper DOT Shipping Name, Hazard Class and I.D. #
		Containers, Quantity and Unit Wt/Vol being shipped properly designated()
	(286)	Proper certification
	(236)	Manifests returned within 35 days()
	(2B6)	Completed manifests submitted to DNR quarterly \checkmark
	.23	Manifest properly signed by generator/transporter/TSD and dated(/)
	(2D1)	Summary Manifests Report submitted to DNR quarterly()
	(2D2)	Exception generator report submitted within 45 days
	.41	Biennial Report
	.30	Waste stored in proper DOT containers
	.32	Containers Tanks labeled "Hazardous Waste" and labeled per proper DOT
		requirements during storage \leftarrow
	,33	Placards available for use by transporters
	(20)	Facility inspected and maintained()
		Ignitable and reactive wastes properly handled
		Date of accumulation marked
		Storage less than 90 days (if applicable)
	(202)	Satellite Accumulation requirements met (if applicable)()
		Stored in satellite areas less than 1 year
		Container marked identifying contents and beginning date
		Containers kept closed / compatible / good condition
		Quantities accumulated not exceeding 55 gal. (1 quart acutely hz waste).(

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10 CSR 25-7.264(2)(B) General Facility Standard (General/Standard/Special) Condition	-
	1
.12(a) Notice of Hazardous Waste shipment from foreign source (4)	1
(b) Notice of permit when receiving waste(付	×
,13 General Waste Analysis	
(a)(1) Copy of plan on site,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(a)(3)(i) Plan updated if process(es) change	
(ii) Analysis repeated if manifest discrepancy $()$	
(b) Procedures to identify wastes on site including leachate and runoff,, (\star)	
(c) Procedures to identify wastes from off site \checkmark)	
Waste Analysis plan up-to-date	
Identify hazardous wastes handled at the facility including leachate	
and runoff (\checkmark)	
Means to confirm off-site wastes (manifest discrepancy) and run off(\checkmark)	
.14(b) Security	
24-hour surveillance system at facility or \checkmark	
An artificial or natural boundary / controlled access, \checkmark	
Restricted access sign posted at each entrance $^{(f)}$	
Legible from a distance of 50 feet (\checkmark)	
.15 General Inspection	
(a) Facility inspected and maintained $^{(j)}$	
(b)(1) Inspect emergency equipment, security devices,	
operating and structural equipment	
(c) Remedied any deteriorated or malfunctioning equipment (check equipment)(
(d) Records of inspections retained(/)	

	.16 P∈	rsonnel training
	(3)	
	(E)	2) Trainer qualified in hazardous waste management procedures documented $(\frac{1}{2})$
	(⊂)	Annual review of training (\checkmark)
	(ፊን	
	(e)	Written record of the type and amount of training given,
	,17 Ge	Geral Requirements for Ignitable, Reactive or Incompatible Wastes
	(a)	Precautions taken to prevent accidental ignition
	(b)	Precautions taken to prevent reaction
	(c)	(√)
	.18 Lo	cation Standard
	(b)	Floodplains - plan in place for how facility will remove wastes from
		areas that could be flooded $(r^{k})_{i}^{r}$
10	CSR 25-	7,264(2)(C) Preparedness and Prevention (General/Standard/Special) Condition
	,32(a)	Internal communication or alarm system $\langle \sqrt{\rangle}$
	(b)	Device in the bazardous waste operation area capable of summoning
		emergency assistance
	(c)	Fire control, spill control, and decontamination equipment available(V)
	(ਰ)	Adequate water supply for fire control equipment
	,33(a)	Adequate and proper safety equipment, available and ready (\checkmark)
	.34 Ea	ch person in hazardous waste area able to summon help(V)
	.35 Ac	lequate aisle space(V)
	77 Au	macromosts with local emergency adencies

10 CSR 25-7	,264(2)(D) Contingency Plan (General/Standard/Special) Condition
,51 Has	contingency plan been used successfully
,52 Are	following items up-to-date
(.2.)	Detailed description of procedures that personnel must implement
i	n response to fires, explosions, releases of hazardous waste()
	ormal arrangements with emergency services
(d) N	lame, address, and phone numbers (home & office) of emergency coordinator(s)(\checkmark)
(÷) E	mergency equipment including its description and location, $\langle \cdot \rangle$
(f) E	vacuation plan()
.53 Copy	of the contingency plan at site,, $(\frac{1}{2})$
,54 Cont	ingency plan need amendments made as necessary(/)
,55 Emer	gency coordinator can commit resources in an emergency (J)
.56 Emer	gency coordinator can explain his responsibilities in emergency situations
(Use	the exit interview to ask specific questions about possible emergencies
at s	ite,)(/)
10 CSR 25-7.	264(2)E) Manifest System (General/Standard/Special) Condition
.71 Use o	f Manifest System
For off-s	ite facilities
(a)(1)	Manifests signed by generator/transporter/TSD and dated()
(a)(2)	Discrepancy in manifested loads noted
(a)(3)	
(a)(4)	Copy to generator in 30 days(-/)
(a)(5)	Copy at facility for 3 years $\sqrt{\ }$
(c) Us	se Generator Checklist for waste sent off-site 10 CSR 25-5.262()

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Operating Record
.72(a) Manifest properly signed and dated
(b) Completed manifests submitted to DNR quarterly
(c) Summary Manifest Report submitted to DNR quarterly
(d) Biennial Report
.73(a) Description, quantity, and TSD process for all hazardous wastes (\checkmark)
(b)(1) Location and quantity of all hazardous waste
(b)(3) Waste analysis records from off-site sources
(b)(4) Summary and description of emergency incidents(√)
(b)(5) Record of inspections, $\sqrt{)}$
(b)(6) Monitoring and testing and analytical results on-site if necessary(\checkmark)
Reporting
.74 Records are kept and available for inspection
.75 Quarterly facility reports submitted $\sqrt{)}$
(2G) Ground water monitoring data on-site/submitted
(2H) Certification of information signed (\checkmark)
.76 Unmanifested waste reports for off-site facilities on-site/submitted(/
.77 Reports for emergencies, spills, closure on-site/submitted

HGE ,	
O CSR	25-7,264(2)(F) Ground Water Monitoring (General/Standard/Special) Condition
,90	Monitoring Well Construction
	Please describe the casing material and well diameters and locations if
	different than described in the permit application:
	Describe the condition and type of protective casing in the monitoring wells if
	different than described in the permit application:
	Describe the security measures completed to protect the wells from outside
	influences if different than described in the permit application:
	The wells appear structurally sound and there is no failure in the integrity, yes no unknown
	The wells appear tightly sealed at the surface and no pathways exist for surface water to leak into the wells. yes no unknown
.91(a	Have records been kept of analyses of ground and surface water sampling? yes no unknown
(F1)	Have these records been submitted to EPA/DNR? yes no unknown
(F5)	Can personnel identify surface water sampling points or direction of drainage()
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10 CSR 25-7,264(2)(G) Closure and Post-Closure (General/Standard/Special) Condition
,112 There is a copy of the approved closure and post-closure plans onsite()
Plan is up-to-date $(\sqrt{)}$
Trail 13 dp to date
Modification reguests have been submitted to MONR.
Moderno 120 Dest) Name then South 1 1 1 1 1 1
10 CSR 25-7,264(2)(H) Financial Requirements (General/Standard/Special) Condition
.140 0/0 can produce documents showing compliance with financial requirements
for closure, post-closure, and sudden and non sudden liability
.143(a) Closure cost estimates are up-to-date
(b) Letter of transmittal to MDNR on-site
.145(a) Post-closure cost estimates are up to date
/
(b) Letter of transmittal to MDNR on-site
.147 Liability requirements are up-to-date
10 CSR 25-7,264(2)(I) Use and Management of Containers (General/Std/Special) Condition
.171 Containers in good condition
.172 Containers made of materials compatible with hazardous wastes placed in them.(\checkmark
.174 Hazardous waste containers storage area inspected once a week and
inspection log completed
.175 Containment free of cracks; containers elevated; run-on prevented; sump empty;
no sign of stains of spilled material \checkmark)
,176 Ignitable or reactive waste at least 50 ft. from property line
.177(a) Incompatible wastes placed in different containers
(c) Containers holding incompatible wastes separated by dikes, or walls(\checkmark)

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sludge (F006/F019 waste) at building 14 was not marked. All containers of hazardous waste must be marked in accordance with the applicable Department of Transportation regulations (49 CFR Part 172) and with the information described in 40 CFR 262.32(b) during the entire on-site storage period.

- 5. Container of hazardous waste not dated, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2). The dumpster referenced in unsatisfactory feature #4 was not marked with the start date of waste accumulation. The date upon which each period of waste accumulation begins must be clearly marked on all containers of hazardous waste during the entire on-site storage period.
- 6. Tank storing hazardous waste not labeled, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3). The building 14 sludge tank was not labeled. All tanks storing hazardous waste must be labeled with the words "HAZARDOUS WASTE."
- 7. Generator's Missouri Identification Number not on the manifest, in violation of 10 CSR 25-5.262(2)(B). The Missouri Generator Identification Number was not included on the following manifests: #2506 (IL), #2518 (Tx) and #2521 (Tx). The MDAE Tract I Missouri Generator Identification Number (001001) must be included on all manifests.
- 8. The license plate number of the transporter not on the manifest, in violation of 10 CSR 25-5.262(2)(B)2.C. The license plate number of the transporter was not included on the following manifests: #2515 (In), #2514 (Tx), #2506 (I1), #2507 (Mo). The license plate number of the waste carrying portion of the vehicle used to transport waste, including the state of registration, must be included on all manifests.

Questions concerning this report should be addressed to Mr. Trunko.

Prepared By:

Joseph L. Trunko

Environmental Specialist II

JLT/lv



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM LARGE QUANTITY GENERATOR

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INSPECTION RECORD AND CHECKLIST

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FOR FACILITIES THAT GENERATE/A			proximately, 5 dru		-
Mc Donnell Douglas Aerospa	ce East (Truct I)		1 6/11/93	MOD 000	818 963
P.O. Box 516 (mail (cle 10)		RR NO.	68 - A	MO I.D. NUMBER	1
St. Louis	NUMBER OF EMPLOYEES	YEARS AT SITE		(314) 232	
FACILITY REPRESENTATIVE(S), TITLE(S) JOSEPH HOLKE; Group Ma	nager - Environmental	E Hazardo	ous Materials	Services	
DESCRIPTION OF THE FACILITY'S	PERATIONS AND PLANT				
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	Included in	Report -	_		18
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			HWMP		
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WASTE STREAMS					
	TE STREAM GENERATED RODUCTION PROCESS	*.	RATE	D NUMBER	DISPOSITION
1.		*			
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2. (Most Recent Notif	fication form attach	ed)			
3.					
		4	ζ.		
4.					
			Α		
5.					
CHECK ALL THAT APPLY (Specify i	f possible)				
☑ NPDES Permit □ Le	ead/Acid Batteries	□ POTW .			
	W. Burner/Blender/Marketer	Solid W	aste Landfill		
Air Permit Pr	ecious Metal Reclamation	₩ Waste W	Vater Pretreatmen	t	

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2. 👿	Containers in good condition CFR 262.34(c)(1)(i) referencing	ng 40 CFR 265.171		GPT	COMMENTS	
3.	Waste compatible with conta 40 CFR 262.34(c)(1)(i) referen) incorporating	GPT		
4. 🗹	Quantities accumulated not hazardous wastes) - 10 40 CFR 262.34(c)(1)			GPT	\$ \$\dot\dot\dot\dot\dot\dot\dot\dot\dot\dot	
5.	Satellite containers go to sto 25-5.262(1) incorporating 40 (lling - 10 CSR	GPT		
6.	container marked identifying 5.262(2)(C)3.	contents & beginning dat	e - 10 CSR 25-	GOR		
7.	Stored in satellite areas less the	han 1 year - 10 CSR 25-5.2	262(2)(C)3.	GOR		
D DE	REPAREDNESS AND PREV	ENTION AND EMERC	ENCY PROC	FOLID		Sec. 1942 Sec. 194
11 75 E 15 E 15 E 16 E 16 E 16 E 16 E 16 E 1	Facility operated and mainta emergency - 10 CSR 25-5.26 referencing 40 CFR 265.31	nined to minimize the po	ssibility of an	35.7	COMMENTS	
2.	Adequate and proper spill equipment available (fire blank - 10 CSR 25-5.262 (2)(C)2.E.			1 1		
3. 🗹	Adequate water supply and fire incorporating 40 CFR 262.34(GPT		
4.	Device in the hazardous wast emergency assistance - 40 CFR 262.34(a)(4) referenci	e operation area capable 10 CSR 25-5.262(1) i	of summoning	GPT		
5.	Telephone or two-way radio of fire or police department 40 CFR 262.34(a)(4) referencing	- 10 CSR 25-5.262(1)				
6.	Communication and emerger 10 CSR 25-5.262(1) incorpora CFR 265.33			GPT		
1						
E. LC	G TANKS	就是是在某种的。 第15章				
	G TANKS ANK DESIGNATION	CONTENTS	CAPACI	TY	CONTAINMENT	AGE
	ANK DESIGNATION	CONTENTS	CAPACI	TY	CONTAINMENT	AGE
Т	ANK DESIGNATION		CAPACI	TY	CONTAINMENT	AGE
1.	ANK DESIGNATION		CAPACI	TY	CONTAINMENT	AGE
1. 2.	TANK DESIGNATION Utilize	numerous tanks	CAPACI	TY	CONTAINMENT	AGE
1. 2. 3.	TANK DESIGNATION Utilize	numerous tanks	CAPACI	TY	CONTAINMENT	AGE
1. 2. 3.	TANK DESIGNATION Utilize	Report) ace and operating e.g. chose 25-5.262(1) incorpor	eck valves, dry		COMMENTS	AGE
1. 2. 3.	Spill prevention controls in pl	Report ace and operating e.g. che SR 25-5.262(1) incorpor FR 265.194(b)(1) in place and operating etc 10 CSR 25-5.262(1)	eck valves, dry ating 40 CFR	GPT		AGE
1. 2. 3. 4. 5.	Spill prevention controls in pl discount couplings - 10 Co 262.34(a)(1) referencing 40 Co Overfill prevention controls alarms, automatic feed cutoff.	ace and operating e.g. ches 25-5.262(1) incorpor FR 265.194(b)(1) in place and operating e.g. ches 25-5.262(1) incorpor from 265.194(b)(1) in place and operating e.g. ches 265.194(b)(2) rered tanks to prevent over	eck valves, dry ating 40 CFR e.g. high level incorporating ertopping 10	GPT.		AGE
1. 2. 3. 4. 5. 1. 2.	Spill prevention controls in pl discount couplings - 10 Controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference Sufficient freeboard in uncounced controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) reference controls are controls and controls and controls are controls and controls and controls are controls are controls and controls are controls are controls are controls and controls are co	Repurt ace and operating e.g. che SR 25-5.262(1) incorpor FR 265.194(b)(1) in place and operating e.g. che etc 10 CSR 25-5.262(1) ng 40 CFR 265.194(b)(2) rered tanks to prevent over ing 40 CFR 262.34(a)(1) compatible with tank - 10 C	eck valves, dry ating 40 CFR e.g. high level incorporating ertopping - 10 1) referencing	GPT.		AGE
1. 2. 3. 4. 5. 1. 2.	Spill prevention controls in pl discount couplings - 10 Controls alarms, automatic feed cutoff 40 CFR 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 263.194(b)(3).	ace and operating e.g. chess 25-5.262(1) incorpor FR 265.194(b)(1) in place and operating e.g. chess 25-5.262(1) incorpor from the second operating and the second operating and the second end of the second operation	eck valves, dry ating 40 CFR e.g. high level incorporating ertopping - 10 1) referencing SR 25-5.262(1) 265.194(a) SR 25-5.262(1)	GPT GPT		AGE
1. 2. 3. 4. 5. 1. 2. 4 2. 5. 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2.	Spill prevention controls in pl discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff, 40 CFR 262.34(a)(1) referenci Sufficient freeboard in uncounced CSR 25-5.262(1) incorporate 40 CFR 265.194(b)(3) Waste or treatment method coincorporating 40 CFR 262.34(a) Incompatible wastes not place	ace and operating e.g. chest 25-5.262(1) incorpor FR 265.194(b)(1) in place and operating e.g. chest 25-5.262(1) incorpor from 40 CFR 265.194(b)(2) rered tanks to prevent oving 40 CFR 262.34(a)(1) compatible with tank 10 Cma)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 263.198(a)(1) referencing 40 CFR 263.198(a)(1) and (2)	eck valves, dry ating 40 CFR e.g. high level) incorporating ertopping - 10 1) referencing SR 25-5.262(1) 265.194(a) SR 25-5.262(1) 265.199(a) om sources of ating 40 CFR	GPT GPT GPT GPT		AGE

	20 000	150 G	COMMENTO
8. 🗹	tanks - 10 CSR 25-5.262(2)(C)2.D.(I)	GOR	COMMENTS
9. 🔼	Wastes and residues removed as hazardous waste and tank and equipment decontaminated upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.197(a)	14	
10.	Secondary containment system provided for tanks and equipment; installed after July 14, 1986; storing dioxin waste; over 15 years old; of unknown age in facility over 15 years old; repaired, replaced or reinstalled after July 14, 1986 - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(a)		
11.	Secondary containment system constructed of or lined with impervious waste compatible material - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(1)		
12. 🗷	Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2)		
13. 🔽	Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3)		
14.	Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(b)	GOR	
15.	Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(c)		
16.	Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(a)	GOR	
17.	Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(d)	GOR	÷
18.	Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4)	GPT	
19.	Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT	w sa ,
20.	Daily inspections of overfill/spill control equipment, aboveground portions of tank system, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a)	GPT	
21. 🗷	Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c)	GPT	
22. 🗸	Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(b)		
23. 🗹	Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site-10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192	GPT	*
24. 🗷	Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191	GPT	
25.	Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i)	GPT	
26. 🗷	Leak/spill response resulted in: waste flow stopped immediately; waste removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.196	GPT	
10 700 /	0854 (7-92)		LOG PAGE 4 OF

PART 2: RECORDS INSPECTION

F. M.	ANIFESTS		
1.	Facility uses manifest system - 260.380.1 (6) RSMo, and 10 CSR 25-5.262(2)(B)	GMR	COMMENTS
2. 👿	Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	*
3	Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	,
4. 🗹	Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A.	GOR	
5. 🗹	Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)2.	GMR	
6.	All transporters' names, phone numbers, MO & EPA LD #'s, license plate # - 10 CSR 25-5.262(2)(B)2.	GMR	
7. 🔽	Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)2.	GMR	
8. 🔽	DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR	
9. 🖸	Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)2.	GMR	
10.	Manifest signed and dated - 10 CSR 25-5.262(2)(B)2.	GMR	
11.	Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A.	GOR	
12.	Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	GOR	
13.	Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	GRR	
14. 🗘	Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1.	GOR	
G. L/	AND DISPOSAL RESTRICTIONS		
1. 🖸	Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	COMMENTS
2. [7]	Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a)	GLB	
3. 🗗	"Land-Ban" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
4. 🗗	number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
5. 🗹	Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)		••
H. PE	RSONNEL TRAINING		
1.	Personnel are trained to respond to emergencies including the use		COMMENTS
	of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3).	GPT	
2. 🗹	Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)	GPT	
3. 🗹	Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(c)	GPT	
4.	Program director trained in hazardous waste management procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing /40 CFR 265.16(a)(2)		
5. 🗹	Personnel training plan on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)	GPT	

6. 🗹	Gives job title, job description and name of employee filling each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(1) and (2)	GPT	COMMENTS
7.			
8. 👿	Documentation of training completed by personnel - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(4)	GPT	
9. 🗹	Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e)	1	
I. CO	NTINGENCY PLAN		
1. 🗹	Contingency plan maintained on-site - 10 CSR 25-5.262(1)	GPT	COMMENTS
2. V	/incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(a). Plan submitted to local emergency response agencies - 10 CSR 25-		
	5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(b)	GPT	
3. 🗹	Emergency coordinator on-site or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55	GPT	
4. 🗹	Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a)	GPT	
5. 🗹	Describes arrangements with emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(c)	GPT	
6. 🕏	Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	1 1	
7.	Primary emergency coordinator designated - 10 CSR 25-5.262(1), incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
8. 🖸	List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(e)	GPT	
9. 🗖	Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f)	GPT	
	ASTE OIL		
7 V	Waste oil is managed properly and not disposed of into the environment 10 CSR 25-11.010(1)(D).	GOR	COMMENTS
2 []	Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11.010(1)(G)2.	GOR	æ
3.	Registered as waste oil generator if gen./accum. 220 lb 10 CSR 25-11.010(2)(A)	GOR	
4.	Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	,
5. 🔽	Uses a licensed transorter and receiving facility - 10 CSR 25-11.010(4) $$	GOR	
K. RE	SOURCE RECOVERY		
	RR certification for energy recovery or reclamation of waste oil or hazardous waste on-site - 10 CSR 25-9.020(1)(A)3.	GOR	COMMENTS
2 0	Still bottoms or RR residues disposed of properly - Section 260.380.1(5). RSMo	GOR	
3. 🗹	Facility is classified as U, R1 or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR	
4.	Facility meets the operating conditions of certification - 10 CSR 25-, 9.020(30)(E)3.	GOR	
5. 🗹	Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E) 1. and 2.	GOR	

×		
6. Facility report submitted to DNR quarterly - 10 CSR 25- /9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR	COMMENTS
7. Facility maintains a written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2.	GOR	
8. Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.	GOR	
9. R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	GOR	
10. R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.	GOR	
11. R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3.	GOR	
12. R2 facility provides financial assurance for closure - 10 CSR 25-9.020(3)(C)4.	GOR	
CHECKLIST KEY	dandanenne	
Check the 🗹 if in compliance.		y
Circle the if not in compliance and provide comment.		
N/A = Not Applicable		
A shaded item is a serious deviation from the requirements (Class I v	iolatio	n) ,
An unshaded item is a significant deviation from the requirements (C	lass II	violation unless conditions warrant Class I)
COMMENTS: INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PL	AN	
		*
<u>,</u>		
INSPECTOR'S SIGNATURE		6-30-93
(losel) or clause)		3 50

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LQG PAGE 7 OF 7

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HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSAL FACILITY

PERMITTED FACILITY CHECKLIST

Name of Facility: McDomell Do	uglas Acrospece East	(Trut I)	Date _	6/10/93 \$ 6/11/9
Address: Po. Box 516, Mail C	ode 10033.77		Missouri I.I	0. #_ 601001
St. Louis, mo 6	3166-0216		EPA I.D. # 1	E 9 6 8 18 000 Gom
Facility Representative:	e Haake	· Tr	ansporter? _	V, # H-1039
Title: 6:00p	Manager	Ph	none Number _	(314) 232 - 3319
Provide a brief description of	the treatment, sto	rage or dis	posal process	s, if the process
has changed from the description	n in the permit ap	plication.		
Permit modifications were:	submitted in 1990	1991 1 0	requesting	Numerous
changes to storage permit	050 062284 002	- Informa	ation concerns	ng these
medifications is included,	whe report.			5
			-	
			4	
List the hazardous wastes, if and that are found being treated, st			e application	or permit but
Waste	Amount/Month	Kilogram/Mo	oth I.D.#	Disposition
1,				
2. None				
3,	-			
4,				***************************************
Total			-	
Are the manifest(s) and quarterl	y summary reports	being comp	leted and fil	ed with the
Department of Natural Resources	at P.O.Box 176, Je	efferson Ci	ty, MO. 65102	as required,

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AMOUNT AND		200	lbs.	В				lbs.					lbs.					Ib	s.		
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B. Wastes from Specyour installation h																	ste fr	om spe	ecific	50ur	ces
WASTE I.D. NO.																					
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																					_
C. Commercial Chemi which may be haza																	ice yo	ur insta	llatio	n hand	lles
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B. Wastes from Specyour installation h	cific Sources (K-List andles. Below each n). Enter the foumber, enter	our-digit nur the monthly	mber from 40 generation an	CFR F	Part 261.32 for n pounds and fr	each listed lequency cod	hazardoi le A, B, c	us waste	from speci	fic sources
WASTE I.D. NO.							4				
AMOUNT AND FREQUENCY	lbs.			lbs.			lbs.			lbs.	
C. Commercial Chemi which may be hazar	cal Product Wastes (W									your installa	ion handles
WASTE I.D. NO.					T				П		
AMOUNT AND FREQUENCY	lbs.			lbs.			lbs.			lbs.	
D. (Reserved)							· · · · · · · · · · · · · · · · · · ·				
E. Characteristics of Phandles. (See 40 CF code A, B, or C.	Nonlisted Hazardous N FR Parts 261.21 - 261.2	Wastes. Mark (4) Below each	an 'X' in the	boxes corresp check, enter	onding the mor	to the characte	eristics of nor amount expre	nlisted ha	izardous pounds a	wastes your nd generatio	installation n frequency
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FREQUENCY	D006 D010	 	DOQ7 D	<u>008 0010</u>	\vdash		10	h ۲			
. [264,000 lbs.	A	290	Ibs. B		10,700	lbs. A		48	300 lbs.	Α
		MI	SSOURIF	REQUIRE		ORMATION	1				
MISSOURI GENE	RATOR ID NUME	BER (IF PRE	VIOUSLY	ASSIGNED)	01001				11 TO TO	
PRINCIPAL BUSI	NESS ACTIVITY										
S.I.C. CODE (LEA	VE BLANK IF UN	CERTAIN)									
CHECK THIS BOX	K IF YOU GENER	ATE/ACCU	MULATE I	ESS THAN	ARE	PORTABLE	TITHAUD	Υ.			
XI. CERTIFICAT	ION										
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SIGNATURE	K K	the	>			aatman, M	3	-	DATE	Sep	90
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14 May 1993

Mr. Kenneth J. Davis Environmental Specialist Waste Management Program P.O. Box 176 Jefferson City, MO 65102

CERTIFIED MAIL - RETURN RECEIPT

Dear Mr. Davis:

Enclosed are our Generator's Hazardous Waste Report Summary sheets and our Facility Quarterly Summary Report for the first quarter of 1993.

If you have any questions, please contact Joe Haake at 314-232-6941.

Sincerely,

Debbie Quargnenti, Departmental Assistant Environmental and Hazardous Materials Services Dept. 064C, Mail Code 0343530 1003377

314-234-3631

dq



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

MCDONNELL DOUGLAS CORPORATION TRACT I

CONTACT: JOE HAAKE MCDONNELL & LINDBERGH BLVD. MO 63042 HAZELWOOD

EPAID=MODO00818963

M.O.D.O.O.O.8.1.8.9.6.3

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documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false

ROBERT H. KAATMAN

PRINT NAME

information, including the possibility of fine and imprisonment.

SIGNATURE

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14 May 1993

Mr. Kenneth J. Davis Environmental Specialist Waste Management Program P.O. Box 176 Jefferson City, MO 65102

CERTIFIED MAIL - RETURN RECEIPT

Dear Mr. Davis:

Enclosed are our Generator's Hazardous Waste Report Summary sheets and our Facility Quarterly Summary Report for the first quarter of 1993.

If you have any questions, please contact Joe Haake at 314-232-6941.

Sincerely,

Debbie Quargnenti, Departmental Assistant Environmental and Hazardous Materials Services Dept. 064C, Mail Code 0343530 1003377

314-234-3631

dq



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

MCDONNELL DOUGLAS CORPORATION TRACT I CONTACT: JOE HAAKE MCDONNELL &'LINDBERGH BLVD. HAZELWOOD MO 63042

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MOID=001001

GENERATORS MISSOURITO NUMBER

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NOTE > PLEASE READ INSTRUCTIONS AND EITHER P	RINT OR TYPE				
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JOE HAAKE		314-232	-3319		
6. MAILING ADDRESS	CITY .		STATE	ZIP CODE	
P.O. BOX 516, MAIL CODE 1003377	ST. LOUIS		MO	63166	
7. PLANT SITE ADDRESS A SAME AS LABEL	CITY		STATE	ZIP CODE	
LINDBERGH & MCDUNNELL BLVD.	HAZELWOOD		MO	63042	
8 NAME OF PARENT FIRM			OFFICE USE O	NLY	
MCDONNELL DOUGLAS CORPORATION		*			
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SECTION D - COMMENTS 12.					1.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

SIGNATURE

ROBERT H. KAATMAN

BA Kauty

14 Min 42

MANIFEST SUMMARY REPORT

DNR-HWG-



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE

REPORT SUMMARY SHEET - PART II

BEFORE	COPYING	FORM,	ENTER	THE	GENERATOR'S	NAME
					WN ON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

MISSOURITO NUMBER

0.0.1.0.0.1

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1 FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR) 2. PAGE												
Hazardous Waste Management Facility you have 9-30- (YEAR) 12-31- (YEAR) 2 OF 11 identified in Section G below. Additional pages are 3-31- 93 (YEAR) 6-30- (YEAR)												
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE	COPYING	FORM.	ENTER	THE	GENERATOR'S	NAME
AND IDE	NTIFICATI	ON NUN	BERS A	SSHO	WN ON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURITO NUMBER

0.0.1.0.0.1

							0.1.0.0.1					
NC	TE PLEASE READ INSTRUC	TIONS	AND EITHER PR	INT O	RTYPE					-		
AT	ATTENTION: Summarize all shipments made to the SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)											
1 FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR) 2. PAGE												
	entified in Section G below. Addit		# U 8	(YEAR)	(YEAR) 0 12-31- (YEAR) 3 OF 11							
	quired for each off-site management	-		_ (YEAR)	L 6-30	(YEAR)						
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CIT			STATE			COD€ 5231		P . P .	O. N. J	3		
	Indianapolis ECTION H - WASTE IDENTIFICATI	AN ice								THE REAL PROPERTY.		
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1	DESCRIPTION OF WASTE	001	EPA HAZARDOUS	.	TAX		10.000	UNT	SPECIFIC	FINAL		
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_	ing aluminum/titanium	0 2	D 0 0 7 · ·	0.7			34,260	P	•	1 0	4	
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-	Industrial wastewater	102	D 0 0 3 F 0	0.6	+		20,200	+	•		$\dot{\dashv}$	
3	pretreatment sludge	1 5	F 0 1 9 · ·		1		26,820	P		L. 0.	4	
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S	ECTION I . TRANSPORTATION SE	IVICES	SUTILIZED .	R	and a section of		A CONTRACTOR			¥		
	15 COMPANY HAME				16 MISS	SOURI ID NO	17 US EPA I D NUMBER					
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	ECTION J. COMMENTS See	and the same		an de Const								
in in	CONDITION DE COMMENTS OF SEC.		and the second									

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE	COPYING	FORM,	ENTER	THE	GENERATOR'S	NAME
					OWN ON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M, O, D, O, O, O, 8, 1, 8, 9, 6, 3

MISSOURIED NUMBER . O D 1 D 0

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NOTE > PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE												
ATTENTION: Summarize all shipments made to the SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)												
1 FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR) 2. PAGE												
	entified in Section G below. Addit		13 (YEAR)	U 12-3	1 (YEAR)		4	OF	11			
	quired for each off-site management		- 80	G 3-31- Z	(TEAM)	☐ 6·3	(YEAR)					
	ECTION G - FACILITY IDENTIFICAT			or equition	W. Charles		erin takan	2 4 1.		·	4	
3.	FACILITY NAME (NAME OF OFF-SITE LOCAT	ION WHE	RE WASTE W	D)			, FACILITY			ABER		
	Aptus, Inc.				•		1		-			
5.	FACILITY SITE ADDRESS							K. S. D.	9.8.	1.5.0	.6 .0	.2 5
	P.O. Box 1328/Hwy. 169 Nor	th.						B. FACILITY	Y'S MIS	SOURI I.	D. NUM	BER
CI				TATE	ZIF	PCODE						
	Coffeyville	4798347		KS		6733						•
5	ECTION H - WASTE IDENTIFICATION	The state of the s	- winds tale of the section.	and the standard of the same	NAME AND ADDRESS OF		SALE OF THE SALE O	office :	ALC: NO. 12			
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

EPAID NUMBER

M 0 D 0 0 0 0 8 1 8 9 6 3

MISSOURITO NUMBER

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-				NAME OF OFF-SITE LOCAT	ION WHE	ERE WASTE	WAS DELIVERE	D)			4. FACILIT	Y'S EPA	I.D. NUK	ABER	
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18.										TERROR STORY					WIS CARL



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE	COPYING	FORM,	ENTER	THE	GENERATOR'S	NAME
AND IDE	NTIFICATION	ON NUM	BERSA	S SHC	WN ON PART I.	

GENERATOR HAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1 8 9 6 3

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	azardous Waste Management Fac						HO ICHECK OF			2. PAC	38	
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	quired for each off-site management			17 3-31-5	Z (11	.AR)	LJ 6-30	A3Y)	R)			
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3	FACILITY NAME (NAME OF OFF-SITE LOCATI	ON WHE	RE WASTE	NAS DELIVERE	D)	Sec.			4. FACILITY			ABER
	LWD, Inc.											
5. 1	FACILITY SITE ADDRESS								K. A.D.	0 .8 .8	8 • 4 • 3	8 8 1 7
	P.O. Box 327, Hwy. 1523								6. FACILITY	"S MIS	SOURI I.	D. NUMBER
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	Calvert City	V-Ventralises	The star days	KY		10000	12029					
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE	COPYING	FORM.	ENTER	THE	GENERATOR'S	NAME
AND IDE	NTIFICATION	MUH NC	BERSA	SSHO	WHON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

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S	ECTION G - FACILITY IDENTIFICAT	ION .			Y ()	3 8 P. X	PH 1844 184		1	A656 **
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LINE	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	B. DOT HAZARD CODE	(ZARDOUS NUMBER	TAX -COOE (SEE INST.)	10	11. OTAL AMOUNT OF WASTE	UHT OF M(AS.	SPECIFIC GRAYITY	14. FINAL HANDLING CODE
1	Combustible solvent from painting/metal cleaning	0 1	D. O. O. 1				2,527	Р		T 5 4
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

١	BEFORE	COPYING	FORM,	ENTER	THE	GENERATOR'S	NAME
Į	AND IDE	TIFICATIO	NUN NC	BERSA	SSHO	OWN ON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURITO NUMBER MO 0 1 0 0 1 M

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	entified in Section G below. Additi			Ø 3-31-93	(YEAP		YEAR		8	OF_	11	
	quired for each off-site management			EZ 2.21.57	= (1EAF	, 0 6.30	(TEAR)	,				
3	ECTION G - FACILITY IDENTIFICAT	HON		and the second	W. N. Mis	XX. 65	3-14 E.E.E.				A C 200	
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	FACILITY SITE ADDRESS						. 1	0 · H · D · 9			7 3 6 4	ł
	581 Milliken Drive Southea	st.						6. FACILITY	r's Mis	SOURI I.	D. NUMBER	
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3	ECTION H - WASTE IDENTIFICATION	M iss	Call Colonia				•	AND STREET, ST				
	ECHON N - WASIE IDENTIFICATION	1		1.	10.		11.		12.	13	14.	
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104: Recycling

780-1007 18 011



HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

EPA ID NUMBER

M, O, D, O, O, O, 8, 1, 8, 9, 6, 3

MISSOURI O NUMBER - 0 0 1 0 0

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10	TE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE					-	
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	zardous Waste Management Fac		600				E & FILL IN YEAR)	2. PAC	36		
	entified in Section G below. Additi			9-30-			(YEAR)	_ 9	_ OF	11	
	quired for each off-site management			A 3-31- S	YEAR)	6-30	(YEAR)				
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1	ECTION G - FACILITY IDENTIFICAT	TON WHI	OF WACTE W	AS DEL IVERS			THE COLUMN		The Property of the Park of	1050	
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	Rollins Environmental Serv	ices	(IX) Inc	•			T. X. D.	0.5.	5 • 1 • 4	·1 ·3 ·7	8
	P.O. Box 609, 2027 Battleg	round	Dd				6. FACILITY	Y'S MIS	SOUBLL	D. NUMBE	R
T	Y .U. BOX 609, 2027 Baccieg	round	I Nu.	TATE	ZIF	CODE					
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S	ECTION H - WASTE IDENTIFICATION	ON .	**************************************				Walley Control	· .			
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1	DESCRIPTION OF WASTE	100	EPA HAZ	2110004	TAX	10	TAL AHOUNT	UNIT	SPECIFIC	FINAL	
N	SHIPPED TO THE	HAZARD	WASTE		3003.	9000	DF WASTE	OF	GRANTY	HANDUN	3
3	FACILITY LISTED ABOVE	3000			(SEE INST.)			MEAS.		3003	
	Debris from aircraft		F. 0. 0. 2	E. 0.0.3							
1	servicing/painting	1 5	F. 0. 0. 2	D 0.0.1			97,120	Р	•	TO	3
2	PCB-contaminated										
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	15 COMPANY NAME			Search Street,	- Process	and the construction of	17 US EPA ID NUMBER		THE REAL PROPERTY.		
					1					4	
	• Peoria Dispos	sal Co	ompany		н	1.1.9.1	I. F. D. O. O. 8.8	4.8	.1.93		
					U						
	Custom Enviro	nmen	tal Trans	sport	lu	1'5'3'1	D. E. D. 3, 8, 0, 3	1'8	8 5 8		
					u						
Į.	c Custom Enviro			sport	11	1531	L' A' D' 9' 8' 1' 0	5 9	0 17		
ST.	ECTION J - COMMENTS 🙈 😪 🐇									17.5	
10.											



MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME HAZARDOUS WASTE PROGRAM AND IDENTIFICATION NUMBERS AS SHOWN ON PART I. P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE

REPORT SUMMARY SHEET - PART II

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURI O NUMBER

0.0.1.0.0.1

N	TE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TY	PE					
ATTENTION: Summarize all shipments made to the SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)											
	zardous Waste Management Fa							2. PAG			
	entified in Section G below. Addit			9-30- 8 3-31-			·(YEAR)	10	_ OF _	11	
	quired for each off-site management			C 2-21- 5	W (YEA	H) LJ 6-30	(YEAR)				
	CTION G - FACILITY IDENTIFICA	•		200 00000000	W	entre de la serva	tote seen v a st		Patrices.	7010101010	
5	ACILITY NAME (NAME OF OFF-SITE LOCAT	ION WH	ERE WASTE	WAS DELIVERE	D)		4. FACILIT			ARER	
	Rollins Environmental Servi										
5. 1	ACILITY SITE ADDRESS	ces	1/1/2/10	-			T ·X ·D (5 5	5 1 4	1 3 7 8	3
P	O.O. Box 609, 2027 Battlegr	ound	Rd.				6. FACILIT	Y'S MIS	SOURI I.	D. NUMBER	i
CI				STATE		ZIP CODE		T M	T. X. 1		
[Deer Park	Sudanii Andri		TX		77536					
S	ECTION H - WASTE IDENTIFICATION	ON 🗮	4	A Contract of the		A. A. C. S.	Control of the Contro			1. 1. 1. 1	
ı	DESCRIPTION OF WASTE	l.	١.	1.	10.		11.	12.	13	14.	
1	SHIPPED TO THE	HAZARD	-	ZARDOUS	TAX 3000:	10	TAUDMA JATO	UNIT	SPECIFIC	FINAL	
:	FACILITY LISTED ABOVE	€00€	WASTE	NUMBER	(SEE INS	1	OF WASTE	MEAS.	GRAYITY	3003	
$\overline{}$	Flammable laboratory	-	D 0 0	11	-	-		-			_
1	chemicals	0 7	D 0 0		Α		2	P		Τ'0'	2
	Miscellaneous laboratory	10,	D 0. 0.	1				1	-	1	2
5	chemicals	1 2		1	Α		4	P	1:	T O	3
3	Miscellaneous laboratory	1	D 0. 0. 1	7				1			_
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4	Miscellaneous laboratory		D 0. 0.	1 D 0.0.7							
_	chemicals	1 6	200		A		5	P	•	TO	3
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7	chemicals			1	Α		1165	P		T'O'	3
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	:							<u></u>			
S	ection <u>i -</u> transportation ser	IVICES	UTILIZED			域的政治	A STATE OF THE SECTION		1	W	
	15 COMPANY NAME				16 1	MISSOURI ID NO	17 US EPA I D NUMBER				
	• Custom Environm	nonta	1 Twaner	ont	н	. 1 . 5 . 3 . 1	L. A. D. 9. 8. 1. 0	. 5. 9	.0.17	*	
	Cus com Environm	ienca	1 Transp	701-0	-		2 1 2 3 0 1 0		0 17		
					H.						
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	¢ .				H.						
SE	CTION'S COMMENTS		STATE OF	ALL STATE	1	2000 C.A.	- 10 Video la tela		10.4	47.14.	
18.											



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE

BEFORE COPYING	FORM,	ENTER	THE	GENERATOR'S	NAME
AND IDENTIFICATION	MUN NO	BERSA	SSHO	OWN ON PART I.	

GENERATOR NAME

McDonnell Douglas Corporation

M·O·D·O·O·O·8·1·8·9·6·3

	REPORT SUMMARY	SHEE	r - PART	II wisso	DURITO	NUMBER 0	0,1,	0.0.1	J		
NO	TE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TY	PE					
Ha ide	TENTION: Summarize all shipmer zardous Waste Management Fac intified in Section G below. Addit	cility y ional p	ou have	1 FOR THE 1 9-30- 3-31-	PERIOD I		FICATION YE & FILL IN YE 1 (YEAR D (YEAR	AA)	2. PA(
req	quired for each off-site management	facility	utilized.				N				
5. F	CTION G - FACILITY IDENTIFICAT	ION WHE	RE WASTE W	AS DELIVER	ED)		P18 189	4. FACILITY		I.D. NUI	ABER
	McDonnell Douglas Corporat	ion						M O D	٥. ٥.	0.0.1	.8 .9 .6 .3
	ACILITY SITE ADDRESS Lindbergh & McDonnell Blvd						•				D. NUMBER
CIT		<u>·</u> ·		STATE		ZIP CODE					100
	Hazelwood			MO		63042				0.5.6	
SE	CTION H - WASTE IDENTIFICATION	ON A		the second		<i>स्थान</i> ्य, ः अ त्	; h. 4,	11111	22.		10 July
	DESCRIPTION OF WASTE	8.		1.	10.	1	11.		12.	13	14.
	SHIPPED TO THE	DOT HAZARD		ZARDOUS NUMBER	.000	1 7	THUOMA JATO		UNIT	SPECIFIC	FINAL
8	FACILITY LISTED ABOVE	€00€	MASIE	MUMOLIN	(SEE IN	57.)	OF WASTE	1	MEAS.	GRANTY	3000
	Ignitible solvents from			FOOS				-			
4	painting/metal cleaning	0 8	D 0 0 1	BOOT	7		4,871		Р	•	T 5 4
2			 	 	1					:	
3											
4					-					•	
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8					-			14.4		:	
S	CTION 1 TRANSPORTATION SER	VICES	UTILIZED	The state of the s				4.416		2.3	(i 2 ·
	15 COMPANY NAME	Secretaria de la constante de		State California Village California (1995)		MISSOURI ID NO	17 US EPA ID			ALCOHOLD STATE	2
	• None (on-site	reco	very)		H.						
					H.						
					H.						
	CTION'S COMMENTS		9726	Spiles Mi				F - 2- 7-			4-11
1.								The same of the sa			

TEXAS WATER COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087

TWC-0311 (Rev. 01/01/89)



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039 expires 09-30-91

1 162		of type. It offices also also also also also also also als		10 D		,	
A		WASTE MANIFEST M. O. D. O. O. 8 . 1 . 8 9 6 . 3 P. C.		2. Pa 1 of	21 is no	t require	n the shaded areas ed by Federal law.
		nerator's Name and Mailing Address MCDONNELL-DOUGLAS AEROSPACE P.O.BOX 516 MAIL CODE 03435		A. St	ate Manifest Do		Number 4
	*	SEE BOX 15 * ST. LOUIS, MO 63166 nerator's Phone (314) 232-3319 ATTN: DEBBIE QUARGNENTI			ate Generator's	1929	7 , 40157
		nsporter 1 Company Name 6. US EPA ID Number		C. St	ate Transporter	's ID	78-312 T.L
11.	,	Im ENDIRONMONTAL TRANSP. LAD 9810590	シノフ				1-224-3642
119	7. Tra	nsporter 2 Company Name 8. US EPA ID Number		EuSt	ate Transporter	's ID	0.757st
П	Pus	ton Exvironmental Transport LAD 9810590	17.	F. Tra	ansporter's Pho	ne 50	4-774-3642
	9. De Rol	signated Facility Name and Site Address 10. US EPA ID Number lins Environmental Services (TX), Inc.		G. St	ate Facility's ID HW5008900	12.12	
		7 Battleground Road		H. Fa	cility's Phone	200	
	Dee	r Park, TX T. X. D. O. 5. 5. 1. 4.1	3 7 8	-1111	713-930-2	300	
	11A. HM	 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) 	12. Contai No.	ners Type	13. Total Quantity	14. Unit Wt/Vo	l. Waste No.
П	Х	a WASTE COMPRESSED GAS, N.O.S., FLAMMABLE GAS					201
G		UN1954	0.0.1	D.E	0.0.0.0.	2 0	801 2003H
GEZERAFOR		h	0 0 1	DI	0 0 0 0		Dron H
E	X	b. WASTE COMPRESSED GAS, N.O.S., NONFLAMMABLE GAS					99
A T		UN1956	0.0.1	D . E	0.0.0.0.	م ا م	8011
O A		C.	0 0 1	ד ע	0.0.0.0.	2 P	DIOS003H
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Ш							
Ш		d.				1	5 33
П		NS					ieth i
Ш			к .	·			
	J. Add	ifional Descriptions for Materials Listed Above DO01_SRSTREAM # HO-67242-18 (ALL AEROSOI	Simo	K. Ha	indling Codes for	or Waste	s Listed Above
Ш	a)	D001 STREAM # HO-67242-18 (ALL AEROSOL STREAM # HO-67242-18	227.5		ارم		/
	ן ש	SIREAM # NO-07249-10); <u> </u>	4.20	11104	4	
П	15 0	posicial Handling Instructions and Additional Information DO. NOR . HP	531	L			- X
П		pecial Handling Instructions and Additional Information no. Ne. Ha id contact with waste. Contain all spills. In cas					
П		mtrec at 1-800-424-9300. In Texas, call the TWC at					e to
Ш	_	iver, return to generator. DOT Emergency guide 11a				<u>1d.</u>	
П		ENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully a assified, packed, marked, and labeled, and are in all respects in proper condition for transpor					
Ш		overnment regulations, including applicable state regulations.	lauiaitu at uu		noveled to the de		and determined to be
П		I am a large quantity generator, I certify that I have a program in place to reduce the volume and to conomically practicable and that I have selected the practicable method of treatment, storage, or di					
П		ture threat to human health and the environment; OR, if I am a small quantity generator, I have ma e best waste management method that is available to me and that I can afford.	de a good f	aith effo	ort to minimize my	y waste ge	eneration and select
		inted Typed Name Signature Signature					Month Day Year
V		MOND A HICKEY	×1.	L.	1.		1622293
T	STATE OF THE PERSON NAMED IN	ansporter 1 Acknowledgement of Receipt of Materials	ITTE	Nu	7	***************************************	Date
RA		inted/Typed Name Signature / /2	1				Month Day Year
N	14	ERRET MANNEL Rection	1	20			1221225
PO	18. Tr	ansporter 2 Acknowledgement of Receipt of Materials	0	uin	miss		Date
SPORTER		inted Typed Name Signature Signature	K.	7			Month Day Year
E		YEIM DRYGNI Vall	DUYC	W			102123193
Г	19. Di	screpancy Indication Space	1				
			•				
FAC							
1	20 5	acility Owner or Operator: Certification of receipt of hazardous materials covered by this	manifeet	excent	as noted in the	m 10	
L T	20.78	RES (TX)	maillest	evcebi	as noted in ite	III 13.	Date
Ý	Pr	inted/Typed Name		21	11	7	Month Day Year
	Z	dward A, Stelley		H	111	<	103/04/93
TIM	/C-0311	(Rev. 01/01/89) White - original Pink-TSD Facility	Yellow-Tra	insport	er Green-Ge	nerator's	1- 10/1/

TEXAS VAZER-COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087



Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form approved, OMB No. 2050-0039, expires 09-30-91

enerator's first cook

A	1	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	MID No. M 3 1 8 9 6 3 3 3	lanifest ument Ne	2. Pa	ge 1	Inform	ation in	the shaded areas ed by Federal law.
o	2 60	nerator's Name and Mailing Address	MCDONNETT DOIL	GLAS AEROSPACE	510	A.St				Number
		CASE OF EMERGENCY*		AIL CODE 03435	30	A.750				001
	*	SEE BOX 15 *	ST. LOUIS, MO	63166		B. St		rator's II)
		nerator's Phone (314) 232-331	9 ATTN: DEBBIE				- 10 10	990	12	1 40151
	5. Tra	Insporter 1 Company Name	6.	US EPA ID Number		C. St	ate Trans	sporter's	132	R-372 TIL
	Cus	Insporter 2 Company Name	IRANGO LA	US EPA ID Number	0/7	D. Tr	ansporte	r's Phop	24	-72443647
			Parcher 1. A.	D9810590				r's Phon		
1	9 De	signated Facility Name and Site Address lins Environmental Serv	s 10.	US EPA ID Number		G. St	ate Facil	ty's ID 89001	30.	7-114-364-
		7 Battleground Road	ices (IX), inc	•						an marsing in
	1	r Park, TX	, T X	D 0 5 5 1 4 1	3 7 B	H. Fa	cility's Pl 713-9	hone 30-23	00	Section 1
		11. US DOT Description (including Pr		· · · · · · · ·	12. Contai		- 1:		14.	[:) :-
	HM.	Number)			No No	Type		tal	Unit Wt Vol	Waste No.
	Х	DICUMYL PEROXIDE, DR	, ORGANIC PER	OXIDE, UN2121						
G		*			0 14	D F	0 . 0. 0) 2 8	P	0475003 H
NE	Х	b. WASTE PAINT, FLAMMABI	LE LIOUID, UN1:	263				and the same of th		300011
RA			~						P	la s
GEZERATOR					0.06	DF	0.0	144	DF	but 5003 H
1	Х	C. WASTE FLAMMABLE LIQU	ID, N.O.S., UN	1993						
					0.4.6	D F	0.1.1	1.5.5	P	BUTS 003 H
	x	d. WASTE OXIDIZER, N.O.S	S IN1470		-				-	11
	^	WIGH GRIDIZER, WOR	3.7 ON1473							
	EL AGE		At Section of the state of	Steps of the Section of	0 0 1					pro2003H
	J. Add	ditional Descriptions for Materials Listed	Above . (ALL	LABPACKS)		K. Ha	naling C	odes for	Waste	s Listed Above
	b)	D001 D001	d) D001,D007	STREAM	#		- N		110	ク
	(2)	D001, D007, D008, F003, F00	05.U112.U159.U	161 HO-672					1 16	
	15. Sr	pecial Handling Instructions and Addition id contact with waste.	nal Information Contain all s	no AUR - H	1531 E of a	ccid	ent o	r sni	11	notify
	Che	mtrec at 1-800-424-9300	. In Texas, c	all the TWC at	512-4	63-7	760.	If u	nabl	e to
	del	iver, return to generat	or. DOT Emerg	ency guide 11a	. 48 11	b. 26	11c.	2711	d. 35	5
		ENERATOR'S CERTIFICATION: I hereby deassified, packed, marked, and labeled, and								
	go	overnment regulations, including applicable sill am a large quantity generator. I certify that	ate regulations.				-			
	ec	conomically practicable and that I have select	ed the practicable method	of treatment, storage, or d	isposal curre	ently av	ailable to	me which	minimi:	es the present and
		ture threat to human health and the environme best waste management method that is av-			ade a good t	aith effo	ort to minir	nize my v	vaste ge	eneration and select
A	Pr	inted/Typed Name	,	Signature 00		-/				Month Day Yea
1		SMOND A. HICKEY		Eck V.	Hic	be	4		-	0202193
TR		ansporter 1 Acknowledgement of Receinsted/Typed Name	pt of Materials	Signature //	1			17		Month Day Year
NS	4	PEBERT MAN	10/	10/11/10	1/20	on.		//		1/201219-
PO		ansporter 2 Acknowledgement of Recei		1/1/4/	11	1	My.			Date
ANSPORTER	Pr	bled Typed Name		Signature	DIN	W.				Month Day Yea
R	106	CIANI DRYGINI		Jarry	pigo	-				10 42319
	19.0	screpancy Indication Space		,	/					
FAC										
C	20 Fs	acility Owner or Operator: Certification o	f receipt of hazardous of	naterials covered by this	s manifest	excent	as notes	in Item	19	
- Y			cocipt of nazardous if	naterials covered by (IIIs	J marmest	cycebi	as 110180	, in itelii	13.	Date
Υ	Pr	RES(TX) inted/Typed Name	,	Signaturo		0	11	11		Month Day Yea
	F	Edward A Stop	164	111000		E	1/2	1		03/04/9

1. Generator's US EPA ID No.

HDOUS

ANIFEST ine and Mailing Address

A State Manifest Document Number

EPA Form 8700-22 Previous editions are obsolete. State Form 11865 (R/4-89) 001001 H-1464

C. State Transporter's ID D. Transporter's Phon 317-241-9406

Transporter's Phone

2. Page 1

IND093219012

317-243-0611

Unit Was's 'lo

Manifest

Document No

D003

If I am a large quantity generator. I certify that I have a program in place to reduce the votume and loxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment OP of I am a small quantity generator. I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford

4 Date Vear Z

4

9

Month Day

HERITAGE ENVIRONMENTAL SERVICES, INC. Land Disposal Restrictions Notification Form Characteristic Wastes

(This is a two part form, pull the bottom copy and retain (for 5 yrs) with the generator copy of the manifest, attach the top copy to the UHWM for
shipment to HES).
$(A \cap A) = (A \cap A) = (A \cap A)$
Generator/Customer Name M. (Dornall Douglas Corporation
Address Londown & Whitenawill Plyd.
EPA I.D. 27/10/07/16518963 EPA Hazardous Waste No. 200-1-1706-Fro19
EPA I.D. 1/1/10/2016 (18/16/3) EPA Hazardous Waste No. 000-1-700/6-F01/7 UHWM No. 000-11/4/5 CO100/- UHW Manifest Document No. 000-15/15

In accordance with the Hazardous and Solid Waste Amendments of 1984 (HSWA) of the Resource Conservation and Recovery Act which restricts the land disposal of hazardous wastes, we are notifying HERITAGE by marking the appropriate box(es) that indicate the Hazardous Waste number, Subcategory, Treatability Group, Treatment Standard Reference and Five Letter Treatment Code to comply with the Land Disposal Restrictions contained at 40 CFR Part 268.

 zardous e Number	Subcategory	Treatability Group		Treatment Standard Reference	Five Letter Treatment Code
¥		Wastowator	Non-Wastewater		
D002	Acid subcategory	×	x	268.42	DEACT
D002	Alkaline subcategory	X	×	268.42	DEACT
D002	Other (corrosives)	X	x	268.42	DEACT
D003	Reactive cyanides (T&A)	х	x	268.41, 268.43	NA
D003	Reactive sulfides	Х	×	268.42	DEACT
D003	Water Reactive	X	NA .	268.42	DEACT
D004	NA .	X	X¹	268.41, 268.43	NA
D005	NA	X	X²	268.41, 268.43	NA
D006	NA	Х	X²	268.41, 268.43	NA NA
D007	NA.	X	X ⁴	268.41, 268.43	NA
D008	NA	X	X²	268.41, 268.43	NA .
D009	(<260 mg/kg Total Hg)	Х	X¹	268.41, 268.43	NA
D010	NA	X	X²	268.41, 268.43	ŅA
D011	NA .	х	X²	268.41, 268.43	NA NA

¹ EPA granted 2 yr. extension in effective date on N-WW form and inorganic solids debris (5/8/92).

This form continues to the reverse side.

² EPA granted 2 yr. extension effective date on inorganic solids debris (5/8/92)

³ Based on EP Toxicity values, TCLP can be used to demonstrate compliance.

⁴ EPA granted 2 yr. extension effective date on inorganic solids debris, and used refractory brick (5/8/92)

CYANIDE CERTIFICATION

This is a	two part form, send the top white copy with the UHWM, ke	ep the yellow with the generator	copy of UHWM for 5 years.
TO:	Heritage Environmen 7901 West Mo Indianapolis,	orris Street	
FROM	(Please print name of generating facility)	Arris Desals	is Erryaration
ЕРА П	NUMBER: 1/400000813965	3	
ADDR	D NUMBER: (1000008 3965) ESS: Undergo + 1/2 Dag	well blad	
Heritag	e Wastestream Number: 17405-6	λ	
	m Hazardous Waste Manifest Number:	10634295	100/00/-25/5
forth in	ocument is intended to notify HERITAGE that not standard(s) as set forth in Subpart D of 40 C a 268.43 or RCRA 3004(d), specifically as the treat applicable treatment standard achieved is: check the proper box and circle the correct EPA	FR Part 268 and the appli timent standards apply to	icable prohibition level set
Non-W	astewater Form	Concentration in mg/kg	Z.
A	F006, F007, F008, F009, F019	Cyanide (T) Cyanide (A)	590 30
	F011, F012	Cyanide (T) Cyanide (A)	110 9.1
	P013, P021, P029, P030 , P074, P098, P099, P106, P121	Cyanide (T) Cyanide (A)	9.1
	Supporting laboratory analyses are enclosed.		
As requ	ired by 40 CFR 268.7(a)(2), the following certification	cation is made for these	restricted wastes:
	I certify under penalty of law that I personally has through analysis and testing or through knowled that the waste complies with the treatment stand D and all applicable prohibitions set forth in 4 believe that the information I submitted is true there are significant penalties for submitting a fine and imprisonment.	lge of the waste to suppor dards specified in 40 CFR 0 CFR 268.32 or RCRA a c, accurate, and complete.	t this certification Part 268 Subpart section 3004(d). I I am aware that
SIGNEI	. As bound (jurna,	yout.	
PRINT:	D. (Duaranent) FOR:	generator) 11/2 De	proll (burnia
DATED	: 2-16-93		

TEXAS WA'TER COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087

201001-2514

A	UNIFORM HAZARDOUS WASTE MANIFEST		Manifest cument No. 2 5 1 4	L .			the shaded areas d by Federal law.
	3. Generator's Name and Mailing Address	A. State Manifest Document_Number			t_Number		
	McDonnell Douglas Corporation, M	*	No 0	019	0532		
	Lindbergh & McDonnell Blvd., Haz	B. S	tate Generator's	ID			
	4. Generator's Phone (314) 232-331		1001	999			
	5. Transporter 1 Company Name	6. US EPA ID Numl		C. S	tate Transporter	's ID H	-1191/41297
	Peoria Disposal Company	I L D 0 0 9 8 4 8 1		D. T	ransporter's Pho	ne 309.	-674-5176
	7. Transporter 2 Company Name	8. US EPA ID Numl		E. S	tate Transporter	s ID 4	0756
	Hone CUSTOM ENVIRONMENTAL 1		The second secon		ransporter's Pho		930-4500
	9. Designated Facility Name and Site Add		nber	1 1 2 2	tate Facility's ID -50089001	34.	a di qu
	Rollins Environmental Services (acility's Phone		
	P.O. Box 609, 2027 Battleground	T X D 0 5 5 1 4 1 :	378 .		713-930-2300		
	Deer Park, TX77536 11A. 11. US DOT Description (including F	Proper Shipping Name, Hazard Class, and ID			13.	14.	l.
	HM Number)		No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
	X a. RQ Hazardous waste, soli	d. N.O.S.					980450
'	(contains paint-related				1 1 246	1	- 1
G	ORM-E NA9189 (D007/F002/		0.0.1	C M	11240	Р	D007
ER	b.						
GENERATOR			1	١.		1	
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LAND DISPOSAL RESTRICTION (LDR NON-WASTEWATER NOTIFICATION

Section A, B, C, & D Completed by Generator (Instructions on Page 2)
SECTION A. GENERATOR NOTIFICATION
1. GENERATOR: McDonvell Douglas Corporation 2. EPA I.D. NO.: MODOOD 818963
3. MANIFEST NO.: 001001-2514
5. PURSUANT TO 40 CFR §268.7, I am notifying (Check One):
RES (NJ) RES (LA) RES (TX) RES of LA DOPC TET
that under the above RES Waste Stream number, I am shipping to you one of the following types of waste.
(Check either (a) or (b) only):
a. A non-wastewater (other than contaminated debris) identified by the EPA waste code(s) and subcategory(ies) that I have checked in Section D. of this form. Submit Attachment 1 for F001-F005, F039, and California List wastes only.
b. A hazardous debris waste identified by the EPA waste code(s) and subcategory(ies) that I have checked in Section D. of this form. Submit Attachment 1 for F001-F005, F039, and California List wastes only.
PLEASE NOTE: Hazardous debris is solid material exceeding 60 mm particle size and which contains on its surface or in its pores a waste subject to the Land Disposal Restriction. (Regulatory Reference 40 CFR §268.2 [g] and [h]). The requirement for treatment of hazardous debris pursuant to 40 CFR §268.45 becomes effective May 8, 1993.
SECTION B. CALIFORNIA LIST APPLICABILITY FOR EPA HAZARDOUS WASTES
Check one or more box(es) below, if applicable (DOES NOT apply to newly listed wastes).
 A D001-D011 liquid¹ or non-liquid waste containing halogenated organic compounds (HOCs) ≥ 1000 ppm as specified in 40 CFR §268, Appendix III.
2. ☐ A liquid¹ hazardous waste containing polychlorinated biphenyls (PCBs)² ≥ 50 ppm.
3. □ A D001-D017 liquid¹ waste containing ≥ 134 mg/l of nickel and/or ≥ 130 mg/l of thallium.
4. A liquid¹ or non-liquid hazardous waste subject to a National Capacity Variance which meets the definition of a California List Waste (Refer to Attachment 1 [page 2] for the California List definition).
To determine whether a waste is liquid or contains free liquid, use the Paint Filter Test (EPA SW-846, Method 9095). Incineration in a TSCA permitted incinerator [RES (TX) only].
SECTION C. GENERATOR CERTIFICATION (Authorized Representative)
I hereby certify and warrant that all the information supplied on this form and all associated documents represents a complete and accurate identification of this waste material. 1. Print or Type Name: Deborah S. Quaranember 2. Date: 2, 15, 93 3. Signature: Deborah S. Quaranember 4. Title: Secretary
PLEASE NOTE: If your waste already meets relevant treatment standards or your waste is a wastewater or an Appendix IV or Appendix V Lab Pack, please contact your Rollins Sales/Customer Service office for the additional or alternate certification form. For your convenience regional office addresses and phone numbers are listed on the back of Attachment 1.

*** *** LISTED WASTE CODES Own At Applicable Water Code in CPA (1) 122 13 14 13 13 14 13 13 14 15 14 13 13 13 14 16 7 NA NA 16 17 10 13 13 14 16 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
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□ K008 N.A. N.A. ✓ □ K010 N.A. N.A. ✓ □ K010 N.A. N.A. ✓ □ K011 N.A. ✓ □ K013 N.A. ✓ □ K013 N.A. N.A. ✓ □ K018 ✓ N.A. ✓ □ K018 N.A. ✓ □ K018 N.A. ✓ □ K018 N.A. N.A. ✓ □ K083 N.A. N.A. ✓ □ K084 N.A. N.A. ✓ □ K084 N.A. N.A. N.A. □ K083 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
O K 010 N.A. N.A. ✓ O K 088 ✓ N.A. ✓ O K 011 N.A. N.A. ✓ O K 088 NEWLY USTED WASTE O K 013 N.A. N.A. ✓ O K 088 NEWLY USTED WASTE O K 011 N.A. N.A. ✓ O K 089 NEWLY USTED WASTE O K 016 N.A. N.A. ✓ O K 089 NEWLY USTED WASTE O K 016 N.A. N.A. ✓ O K 089 N.A. N.A. ✓ O K 018 N.A. N.A. ✓ O K 0893 N.A. N.A. ✓ O K 018 N.A. N.A. ✓ O K 0965 N.A. N.A. ✓ O K 018 N.A. N.A. ✓ O K 098 N.A. N.A. ✓ O K 022 V. N.A. V. O K 098 N.A. N.A. ✓ O K 023 N.A. N.A. V. O K 102 ✓ N.A. N.A. O K 023								
□ K011 N.A. N.A. ✓ □ K097 ✓ N.A. ✓ □ K013 N.A. N.A. ✓ □ K098 NEWY USTED WASTE □ K014 N.A. N.A. ✓ □ K099 Not Currently Regulated Under Und								
D K013 N.A. N.A. ✓ D K088 NEWLY USTED WASTE D K014 N.A. N.A. ✓ D K080 Net Currently Regulated Under								
No. N.A. N.A.	U KOTT	N.A.			C K087			-
No. N.A. V	O K013	N.A.	N.A.		O K088			
□ K018 N.A. N.A. ✓ □ K093 N.A. N.A. ✓ □ K017 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K018 N.A. N.A. ✓ □ K096 N.A. N.A. ✓ □ K020 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K022 ✓ N.A. ✓ □ K098 DO NOT ACCEPT □ K100 ✓ N.A. ✓ □ K022 ✓ N.A. ✓ □ K100 ✓ N.A. ✓ □ K022 ✓ N.A. ✓ □ K100 ✓ N.A. ✓ □ K022 M.A. N.A. ✓ □ K100 ✓ N.A. N.A. ✓ □ K022 N.A. INCIN N.A. □ K102 ✓ N.A. N.A. ✓ INCIN N.A. ✓ INCIN N.A. ✓ INCIN N.A. ✓ INCIN N.A.	O K014	N.A.	N.A.	-	D K090	Not C		Dessio
□ K017 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K018 N.A. N.A. ✓ □ K096 N.A. N.A. ✓ □ K019 M.A. N.A. ✓ □ K096 N.A. N.A. ✓ □ K020 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K022 ✓ N.A. ✓ □ K098 N.A. N.A. ✓ □ K023 N.A. N.A. ✓ □ K100 ✓ N.A. N.A. ✓ □ K023 N.A. N.A. ✓ □ K100 ✓ N.A. N.A. ✓ □ K100 ✓ N.A. N.A. ✓ □ K100 ✓ N.A. N.A. N.A. □ K100 ✓ N.A. N	O K016	1	N.A.	1	O K001	Land Di	sposal Regu	fations
□ K018 N.A. N.A. ✓ □ K096 N.A. N.A. ✓ □ K020 N.A. N.A. ✓ □ K096 N.A. N.A. ✓ □ K021 ✓ N.A. ✓ □ K098 N.A. N.A. ✓ □ K022 ✓ N.A. ✓ □ K098 DO NOT ACCEPT □ K023 N.A. N.A. ✓ □ K100 ✓ N.A. N.A. □ K024 N.A. N.A. J.A. ✓ □ K101 ✓ N.A. N.A. □ K026 N.A. INCIN N.A. □ K102 ✓ N.A. N.A. ✓ □ K027 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K104 N.A. N.A. ✓ □ K028 D.A. N.A. ✓ □ K106 N.A. N.A. ✓ □ K103 N.A. N.A. ✓ □ K106 N.A. N.A. ✓ □ K106 N.A. <td>O K016</td> <td>N.A.</td> <td></td> <td>-</td> <td>□ K093</td> <td>N.A.</td> <td></td> <td></td>	O K016	N.A.		-	□ K093	N.A.		
□ K018 N.A. N.A. ✓ □ K020 N.A. N.A. ✓ □ K097 N.A. N.A. ✓ □ K097 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K098 N.A. N.A. ✓ □ K098 DO NOT ACCEPT □ K100 ✓ N.A. N.A. ✓ □ K100 ✓ N.A. N.A. <t< td=""><td>O K017</td><td>N.A.</td><td>N.A.</td><td>1</td><td>O K094</td><td>N.A.</td><td>N.A.</td><td>1</td></t<>	O K017	N.A.	N.A.	1	O K094	N.A.	N.A.	1
G K020 N.A. N.A. ✓ G K097 N.A. N.A. ✓ G K021 ✓ N.A. ✓ G K098 N.A. N.A. ✓ G K023 N.A. N.A. ✓ G K098 DO NOT ACCEPT G K024 H.A. N.A. ✓ G K100 ✓ N.A. N.A. G K026 N.A. INCIN N.A. G K101 ✓ N.A. N.A. G K026 N.A. INCIN N.A. G K102 ✓ N.A. N.A. ✓ G K027 N.A. INCIN N.A. G K103 N.A. N.A. ✓ G K104 N.A. N.A. ✓ G K028 DO NOT ACCEPT G K106 N.A. N.A. V G K106 N.A. N.A. ✓ G K033 N.A. N.A. J G K108 N.A. INCIN N.A. G K108 N.A. INCIN N.A. G K107 N.A. INCIN N.	□ K018	N.A.	N.A.	1	□ K095	N.A.	N.A.	1
□ K021 ✓ N.A. ✓ □ K092 ✓ N.A. ✓ □ K098 DO NOT ACCEPT □ K023 N.A. N.A. ✓ □ K100 ✓ N.A. N.A. □ K024 N.A. INCIN N.A. □ K101 ✓ N.A. N.A. □ K028 N.A. INCIN N.A. □ K102 ✓ N.A. V.A. □ K027 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K028 DO NOT ACCEPT □ K106 N.A. N.A. ✓ □ K106 N.A. N.A. ✓ □ K030 N.A. N.A. J.A. ✓ □ K106 N.A. N.A. ✓ □ K031 J N.A. N.A. J □ K106 N.A. N.A. J □ K032 N.A. N.A. J □ K106 N.A. INCIN N.A. INCIN N.A. INCIN N.A. INCIN N.A. INCIN <td>O K019</td> <td>N.A.</td> <td>N.A.</td> <td>1</td> <td>□ K096</td> <td>N.A.</td> <td>N.A.</td> <td>1</td>	O K019	N.A.	N.A.	1	□ K096	N.A.	N.A.	1
□ K022 √ N.A. √ K098 DO NOT ACCEPT □ K023 N.A. N.A. √ □ K100 ✓ N.A. N.A. □ K024 N.A. INCIN N.A. □ K101 ✓ N.A. N.A. □ K025 N.A. INCIN N.A. □ K102 ✓ N.A. N.A. ✓ □ K027 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K028 DO NOT ACCEPT □ K106 N.A. N.A. ✓ □ K106 N.A. N.A. ✓ □ K030 N.A. N.A. J.A. ✓ □ K106 N.A. N.A. ✓ □ K031 ✓ N.A. N.A. J.A. INCIN DO NOT ACCEPT □ K106 N.A. N.A. J.A.	O K020	N.A.	N.A.	1	G K097	N.A.	N.A.	1
□ K023 N.A. N.A. ✓ □ K100 ✓ N.A. N.A. N.A. □ K101 ✓ N.A. N.A. N.A. □ K101 ✓ N.A. ✓ N.A.	O K021	1	N.A.	1	O K098	N.A.	N.A.	1
□ K024 N.A. N.A. ✓ □ K101 ✓ N.A. N.A. □ K026 N.A. INCIN N.A. □ K102 ✓ N.A. ✓ □ K027 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K028 DO NOT ACCEPT □ K106 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K030 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K106HM DO NOT ACCEPT □ K033 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K106HM DO NOT ACCEPT □ K033 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K032 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K034 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. <t< td=""><td>O K022</td><td>1</td><td>N.A.</td><td>1</td><td>K098</td><td>DO</td><td>NOT ACCE</td><td>PT</td></t<>	O K022	1	N.A.	1	K098	DO	NOT ACCE	PT
□ K026 N.A. INCIN N.A. □ K102 ✓ N.A. N.A. ✓ N.A. N.A. ✓ N.A. N.A. ✓ N.A. N.A. N.A. ✓ N.A. N.A. N.A. ✓ N.A.	O K023	N.A.	N.A.	1	□ K100	1	N.A.	N.A.
□ K026 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K027 N.A. INCIN N.A. □ K104 N.A. N.A. ✓ □ K028 DO NOT ACCEPT □ K106 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K030 N.A. N.A. ✓ C K106LM ✓ N.A. N.A. □ K031 ✓ N.A. N.A. □ K107 N.A. INCIN N.A. □ K032 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K033 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K034 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K038 N.A.	O K024	N.A.	N.A.	1	D K101	1	N.A.	N.A.
□ K026 N.A. INCIN N.A. □ K103 N.A. N.A. ✓ □ K027 N.A. INCIN N.A. □ K104 N.A. N.A. ✓ □ K028 DO NOT ACCEPT □ K106 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K030 N.A. N.A. ✓ □ K106HM DO NOT ACCEPT □ K106HM DO NOT ACCEPT □ K031 ✓ N.A. N.A. ✓ □ K106HM DO NOT ACCEPT □ K032 N.A. N.A. N.A. □ K107 N.A. INCIN N.A. □ K033 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K034 N.A. N.A. ✓ □ K109 N.A. INCIN N.A. □ K035 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. □ K039 <t< td=""><td>O K025</td><td>N.A.</td><td>INCIN</td><td>N.A.</td><td>O K102</td><td>1</td><td>N.A.</td><td>1</td></t<>	O K025	N.A.	INCIN	N.A.	O K102	1	N.A.	1
		-				N.A.	N.A.	1
KO28 DO NOT ACCEPT □ K105 N.A. N.A. ✓ □ K028 N.A. N.A. ✓ K106HM DO NOT ACCEPT □ K030 N.A. N.A. ✓ C K106LM ✓ N.A. N.A. □ K031 ✓ N.A. N.A. □ K107 N.A. INCIN N.A. □ K032 N.A. N.A. ✓ K108 N.A. INCIN N.A. □ K033 N.A. N.A. ✓ K108 N.A. INCIN N.A. □ K034 N.A. N.A. ✓ K108 N.A. INCIN N.A. □ K035 N.A. N.A. ✓ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ K111 N.A. INCIN N.A. □ K037 N.A. N.A. ✓ K112 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ K113 N.A. INCIN <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-						
K028		-						
□ K030 N.A. N.A. ✓ ○ K108LM ✓ N.A. N.A. <t< td=""><td></td><td>-</td><td>·</td><td></td><td></td><td></td><td></td><td>PT</td></t<>		-	·					PT
□ K031		-	-	-				
□ K032 N.A. N.A. ✓ □ K033 N.A. N.A. ✓ □ K108 N.A. INCIN N.A. □ K034 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. □ K037 N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K114 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. □ K114 N.A. INCIN N.A. □ K039 N.A. INCIN N.A. □ K114 N.A. INCIN N.A. □ K039 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K040 N.A. N.A. ✓ K116 N.A. INC								
□ K033 N.A. N.A. ✓ □ K109 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. N.A. ✓ □ K038 N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K113 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K114 N.A. INCIN N.A. □ K039 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K040 N.A. N.A. ✓ □ K116 ✓ INCIN N.A. □ K041 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K042 N.A. N.A. ✓ □ K123 N.A. INCIN N.A. □ K043 DO NOT ACCEPT □ K		-		-				
□ K034 N.A. N.A. ✓ □ K110 N.A. INCIN N.A. □ K036 N.A. N.A. ✓ □ K111 N.A. INCIN N.A. □ K037 N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K037 N.A. N.A. ✓ □ K113 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. □ K114 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K038 N.A. INCIN N.A. □ K116 N.A. INCIN N.A. □ K040 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K117 N.A. N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K118 N.A. N.A. ✓ □ K118 N.A. INCIN N.A. □ K042 N.A. DEACT N.A. □ K123 N.A. INCIN N.A. □ K043 □ DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K046 N.A. INCIN N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. V□ C K132 N.A. INCIN N.A. □ K048 ✓ N.A. V□ C K132 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K136 N.A. N.A. ✓ □ K141 □ K061 ✓ N.A. ✓ □ K142 N.A. N.A. ✓ □ K144 N.A. N.A. ✓ □ K146 N.A. N.A. ✓ □ K146 N.A. N.A. ✓ □ K147 N.A. N.A. ✓ □ K148 N.A. N.A. ✓ □ K144 N.A. N.A. ✓ □ K144 N.A. N.A. ✓ □ K146 N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A		N.A.						
□ K036 N.A. N.A. ✓ □ K111 N.A. N.A. ✓ □ K036 N.A. N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K037 N.A. N.A. V □ K113 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. V □ K114 N.A. INCIN N.A. □ K039 N.A. INCIN N.A. V □ K114 N.A. INCIN N.A. □ K040 N.A. INCIN N.A. □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K042 N.A. N.A. ✓ □ K117 N.A. INCIN N.A. ✓ □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A.								
□ K036 N.A. N.A. ✓ □ K112 N.A. INCIN N.A. □ K037 N.A. N.A. ✓ □ K113 N.A. INCIN N.A. □ K038 N.A. N.A. ✓ □ K114 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. □ K114 N.A. INCIN N.A. □ K040 N.A. INCIN N.A. □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K117 N.A. INCIN N.A. □ K042 N.A. N.A. ✓ □ K123 N.A. INCIN N.A. □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A		-						-
□ K037 N.A. N.A. ✓ □ K113 N.A. INCIN N.A. □ K038 N.A. INCIN N.A. □ K114 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K116 ✓ INCIN N.A. □ K116 N.A. INCIN N.A. □ K116 N.A. INCIN N.A. □ K117 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K117 N.A. N.A. ✓ □ K118 N.A. INCIN N.A. □ K042 DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K043 □ DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K044 N.A. □ DEACT N.A. □ K126 N.A. INCIN N.A. □ K127 □ K128 N.A. N.A. ✓ □ K131 N.A. N.A. ✓ □ K131 N.A. N.A. ✓ □ K136 N.A. N.A. ✓ □ K141 □ K061 ✓ N.A. ✓ □ K142 NEWLY LISTED WASTE □ K062 ✓ N.A. ✓ □ K144 Not Currently Regulated Under Land Disposal Restrictions	O K034	N.A.	N.A.	1	O K110	N.A.	INCIN	N.A.
□ K038 N.A. N.A. ✓ □ K114 N.A. INCIN N.A. □ K040 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K040 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K117 N.A. N.A. ✓ □ K042 N.A. N.A. ✓ □ K118 N.A. N.A. ✓ □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. ✓ □ K044 N.A. DEACT N.A. □ K123 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K049 ✓ N.A. ✓<	□ K034 □ K036	N.A.	N.A.	1	O K110	N.A.	INCIN N.A.	N.A.
□ K038 N.A. INCIN N.A. □ K116 ✓ INCIN N.A. □ K040 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. ✓ □ K117 N.A. N.A. ✓ □ K042 N.A. N.A. ✓ □ K118 N.A. N.A. ✓ □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. ✓ □ K044 N.A. DEACT N.A. □ K123 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. ✓ □ K126 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K132<	□ K034 □ K036 □ K038	N.A. N.A.	N.A. N.A. N.A.	1	O K110 O K111 O K112	N.A. N.A. N.A.	INCIN N.A. INCIN	N.A.
□ K040 N.A. N.A. ✓ □ K116 N.A. INCIN N.A. □ K041 N.A. N.A. N.A. ✓ □ K117 N.A. N.A. ✓ □ K042 N.A. N.A. N.A. □ K118 N.A. N.A. N.A. ✓ □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K044 N.A. DEACT N.A. □ K124 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K132 N.A. N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049	□ K034 □ K036 □ K036 □ K037	N.A. N.A. N.A.	N.A. N.A. N.A.	1 1	O K110 O K111 O K112 O K113	N.A. N.A. N.A.	INCIN N.A. INCIN INCIN	N.A. N.A. N.A.
□ K041 N.A. N.A. ✓ □ K117 N.A. N.A. ✓ □ K042 N.A. N.A. N.A. V □ K118 N.A. N.A. V □ K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. INCIN N.A. □ K044 N.A. DEACT N.A. □ K124 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K132 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K049 <td< td=""><td>□ K034 □ K036 □ K036 □ K037</td><td>N.A. N.A. N.A.</td><td>N.A. N.A. N.A.</td><td>1 1</td><td>O K110 O K111 O K112 O K113</td><td>N.A. N.A. N.A.</td><td>INCIN N.A. INCIN INCIN</td><td>N.A. N.A. N.A.</td></td<>	□ K034 □ K036 □ K036 □ K037	N.A. N.A. N.A.	N.A. N.A. N.A.	1 1	O K110 O K111 O K112 O K113	N.A. N.A. N.A.	INCIN N.A. INCIN INCIN	N.A. N.A. N.A.
□ K042 N.A. N.A. ✓ □ K043 □ DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K044 N.A. □ DEACT N.A. □ K124 N.A. INCIN N.A. □ K046 N.A. □ DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. □ DEACT N.A. □ CK126 N.A. INCIN N.A. □ K047 N.A. □ DEACT N.A. □ CK131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 N.A. N.A. ✓ □ K061 ✓ N.A. ✓ □ K142 NEWLY LISTED WASTE □ K062 ✓ N.A. ○ K144 Not Currently Regulated Under □ K062 ✓ N.A. N.A. □ K147 Land Disposal Restrictions	□ K034 □ K036 □ K038 □ K037 □ K038	N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A.	1 1 1	K110	N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN	N.A. N.A. N.A. N.A.
K043 DO NOT ACCEPT □ K123 N.A. INCIN N.A. □ K044 N.A. DEACT N.A. □ K124 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. □ K126 N.A. INCIN N.A. □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 N.A. N.A. ✓ □ K061 ✓ N.A. ✓ □ K142 NEWLY LISTED WASTE □ K062 ✓ N.A. ○ K144 Not Currently Regulated Under □ K062 ✓ N.A. N.A. □ K147 Land Disposal Restrictions	□ K034 □ K036 □ K036 □ K037 □ K038 □ K038	N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. INCIN	/ / / / NA.	O K110 O K111 O K112 O K113 O K114 O K116	N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN	N.A. N.A. N.A. N.A.
□ K044 N.A. DEACT N.A. □ K124 N.A. INCIN N.A. □ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K048 V N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K136 N.A. N.A. V □ K048 V N.A. V □ K132 N.A. N.A. V □ K049 V N.A. V □ K132 N.A. N.A. V □ K060 V N.A. V □ K141 N.A. N.A. V □ K061 V N.A. V □ K142 NEWLY LISTED WASTE □ K060 N.A. N.A. V □ K143 Not Currently Regulated □ K061 DO NOT ACCEPT □ K146 Under Land Disposal Restrictions	□ K034 □ K036 □ K036 □ K037 □ K038 □ K038	N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. INCIN	/ / / / NA.	C K110 C K111 C K112 C K113 C K114 C K116	N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN INCIN	N.A. N.A. N.A. N.A. N.A. N.A.
□ K046 N.A. DEACT N.A. □ K126 N.A. INCIN N.A. □ K046 ✓ N.A. N.A. □ K126 N.A. INCIN N.A. □ K047 N.A. DEACT N.A. □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 □ K141 NEWLY LISTED WASTE □ K061 ✓ N.A. ✓ □ K143 □ K143 Not Currently Regulated □ K061 DO NOT ACCEPT □ K146 □ CK147 Land Disposal Restrictions	□ K034 □ K036 □ K038 □ K037 □ K038 □ K038 □ K040 □ K040	N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. N.A. INCIN N.A. N.A.	/ / / / NA.	O K110 O K111 O K112 O K113 O K114 O K116 O K116 O K116	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN INCIN INCIN INCIN INCIN	N.A. N.A. N.A. N.A. N.A. N.A.
□ K046 ✓ N.A. N.A. □ K126 N.A. □ N.A. □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 □ K142 NEWLY LISTED WASTE □ K061 ✓ N.A. ✓ □ K143 □ K143 □ K144 Not Currently Regulated □ K061 DO NOT ACCEPT □ K146 □ K146 Under □ K062 ✓ N.A. N.A. □ K147 Land Disposal Restrictions	□ K034 □ K036 □ K036 □ K037 □ K038 □ K039 □ K040 □ K041 □ K042	N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. INCIN N.A. N.A.	/ / / / / / / /	O K110 O K111 O K112 O K113 O K114 O K116 O K116 O K117 O K118	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN INCIN INCIN INCIN N.A. N.A.	N.A. N.A. N.A. N.A. N.A. N.A. V
□ K046 ✓ N.A. N.A. □ K126 N.A. □ N.A. □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 □ K142 NEWLY LISTED WASTE □ K061 ✓ N.A. ✓ □ K143 □ K143 □ K144 Not Currently Regulated □ K061 DO NOT ACCEPT □ K146 □ K146 Under □ K062 ✓ N.A. N.A. □ K147 Land Disposal Restrictions	K034 K035 K036 K037 K038 K038 K040 K041 K042 K043	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. INCIN N.A. INCIN N.A. N.A. N.A. N.A. N.A. N.A. N.A.	/ / / / / NA. / CPT	O K110 O K111 O K112 O K113 O K114 O K116 O K116 O K116 O K117 O K118 O K123	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN INCIN INCIN INCIN N.A. N.A. INCIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K047 N.A. DEACT N.A. □ K131 N.A. N.A. ✓ □ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K143 NEWLY LISTED WASTE □ K062 ✓ N.A. ✓ □ K143 Not Currently Regulated □ K061 DO NOT ACCEPT □ K146 Under □ K062 ✓ N.A. N.A. N.A.	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. INCIN N.A. INCIN N.A. N.A. D. NOT ACCI DEACT	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K116 C K117 C K118 C K123 C K124	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN INCIN INCIN INCIN INCIN INCIN INCIN N.A. INCIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K048 ✓ N.A. ✓ □ K132 N.A. N.A. ✓ □ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 □ K142 NEWLY LISTED WASTE □ K062 ✓ N.A. ✓ □ K143 □ K143 □ K143 Not Currently Regulated □ K061 □ DO NOT ACCEPT □ K146 □ Under □ K062 ✓ N.A. N.A. □ K147 Land Disposal Restrictions	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INGIN N.A. N.A. ONOT ACCIDEACT	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K049 ✓ N.A. ✓ □ K136 N.A. N.A. ✓ □ K050 ✓ N.A. ✓ □ K141 □ K142 NEWLY LISTED WASTE □ K062 ✓ N.A. ✓ □ K143 □ K143 □ K143 □ K143 □ K144 Not Currently Regulated □ K061 □ DO NOT ACCEPT □ K146 □ Under Under □ K147 Land Disposal Restrictions	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INGIN N.A. N.A. ONOT ACCI DEACT DEACT N.A.	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K060	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INGIN N.A. N.A. N.A. DEACT DEACT DEACT DEACT	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K121	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K061	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. DO NOT ACC DEACT DEACT N.A. DEACT N.A.	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K127 C K128	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INGIN N.A. INGIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K062	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. DO NOT ACC DEACT DEACT N.A. DEACT N.A. N.A.	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K131 C K132 C K136	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INGIN N.A. INGIN	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
C K144 Not Currently Regulated Under C K145 C K145 Under C K147 C K147 Land Disposal Restrictions	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. DONOT ACCO DEACT DEACT N.A. DEACT N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K131 C K132 C K132 C K136 C K141	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
K061 DO NOT ACCEPT C K146 Under Under Not Currently Regulated Under C K147 Land Disposal Restrictions	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. ONOT ACCO DEACT DEACT N.A. DEACT N.A. N.A. N.A. N.A. N.A. N.A.	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K131 C K132 C K136 C K141 C K142	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K062 N.A. N.A. C K147 Land Disposal Restrictions	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. N.A. DONOT ACCO DEACT DEACT N.A. DEACT N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K126 C K131 C K132 C K136 C K141 C K142 C K142	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
□ K062	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. N.A. DONOT ACCO DEACT DEACT N.A. DEACT N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K126 C K126 C K131 C K132 C K136 C K141 C K142 C K143 C K144	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN V.A. N.A. V.LISTED W	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
_ K148	K034	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. INCIN N.A. N.A. N.A. N.A. DONOT ACCO DEACT DEACT N.A. DEACT N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	/ / / / / / / / / / / / / / / / / / /	C K110 C K111 C K112 C K113 C K114 C K116 C K116 C K117 C K118 C K123 C K124 C K126 C K126 C K126 C K126 C K127 C K131 C K132 C K132 C K141 C K142 C K142 C K144 C K144	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.	INCIN N.A. INCIN V.A. N.A. V.LISTED W	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.
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□ P007	N.A.	INCIN	N.A.	
□ P008	N.A.	INCIN	N.A.	1
□ P009	N.A.	INCIN	N.A.	1
D P010	1	N.A.	N.A.	1
D P011	1	N.A.	N.A.	1
D P012	1	N.A.	N.A.	1
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D P014	N.A.	INCIN	N.A.	1
P016		NOT ACCE	PT	
□ P016	N.A.	INCIN	N.A.	1
O PO17	N.A.	INCIN	N.A.	
D P018	N.A.	INCIN	N.A.	
D PO20	N.A.	N.A.	1	
D P021	N.A.	N.A.	1	
D P022	N.A.	INCIN	N.A.	
D P023	N.A.	INCIN	N.A.	
□ P024	N.A.	N.A.	1	
D P026	N.A.	INCIN	N.A.	
D PO27	N.A.	INCIN	N.A.	
□ P028	N.A.	INCIN	N.A.	
□ P029	N.A.	N.A.	1	
□ P030			1	
	N.A.	N.A.		
D PO31	N.A.	INCIN	N.A.	
D P033	N.A.	INCIN	N.A.	
D P034	N.A.	INCIN	N.A.	
□ P036	1	N.A.	N.A.	
D P037	N.A.	N.A.	1	
D P038	1	N.A.	N.A.	
D P039	N.A.	N.A.	1	
G P040	N.A.	INCIN	N.A.	
□ P041	N.A.	INCIN	N.A.	
D P042	N.A.	INCIN	N.A.	
D P043	N.A.	INCIN	N.A.	
□ P044	N.A.	INCIN	N.A.	
□ P046				
	N.A.	INCIN	N.A.	
D P048	N.A.	INCIN	N.A.	
D P047	N.A.	INCIN		
D P048	N.A.	N.A.		
G P040	N.A.	INCIN	N.A.	
D P060	N.A.	N.A.		
D P061	N.A.	N.A.	1	-
□ P064	N.A.	INCIN	N.A.	
D P066	N.A.	ADGA\$	N.A.	
C P067	N.A.	INCIN	N.A.	
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-	P086	H.A.	MCIN	N N
	P067	H.A.	INCIN	N
-	POSS	N.A.	INCIN	1 n
6	P069	N.A.	MCIN	N
6	P070	N.A.	INCIN	N.
0	P071	N.A.	N.A.	-
-	P072	N.A.	INCIN	N
-	P073	1	N.A.	N
-	P074	1	N.A.	-
-	P076	N.A.	INCIN	N.
-	P076		HOT ACC	
-	P077	NA.	N.A.	_
	P078			
	P081		HOT ACC	1
	P082	N.A.	INCIN	N.A
	P084	NA.	INCIN	N.
	P086	N.A.	INCIN	N.A
-	P087		HOT ACC	N.
-	POSS	N.A.	INCIN	
-	POSS	N.A.		N.A
-	P092HM	-	NA.	
-	PO92LM	1	IMERC	_
-	P093	N.A.	INCIN	N.A
-	P094	N.A.	NA.	N.A
	P096	N.A.		
-	P098	N.A.	INCIN	A.M.
1	P097	N.A.	INCIN N.A.	- N.A.
-	P098	NA.	N.A.	-
-	P099	1	NA.	-
	P101	N.A.	NA.	-
-	P102	N.A.	INCIN	
	P103	1	N.A.	K.H.
	P104	1		N.A
-	P106	N.A.	N.A.	-
-	106	N.A.	INCIN N.A.	KN /
-	108	N.A.		
-	109	N.A.	INCIN	A.M
	2110	1	INCIN	N.A.
-	2111	N.A.	N.A. INCIN	N.A.
-	2112	N.A.	INCIN	A.A
-	113	N.A.	STABL	A.N.
-	114	1	N.A.	N.A.
-	116	N.A.	STABL	NA.
	116	N.A.	INCIN	N.A.
	118	N.A.	INCIN	N.A.
	119	N.A.	STABL	N.A
-	120	N.A.	STABL	
	121	N.A.	N.A.	N.A.
	122	N.A.	INCIN	
-				N.A
L'	123	N.A.	N.A.	

ADDITIONAL LDR NOTIFICATION • F001-F005, F039

ATTACHMENT NON-WASTEWATE

NOTIFICATION FOR FOOT-			etituent Con	ncenttrations in Waste Extract			
REGULATED	NWW	REGULATED	NWW	REGULATED	NWW		
HAZARDOUS	CONC.	HAZARDOUS	CONC.		CONC.	PLEASE NOTE: The treatmer for these constituents apply	nt stan
CONSTITUENT	(mg/l)	CONSTITUENT	(mg/l)	CONSTITUENT	(mg/l)	FOO5 wastes which contain	in only one
Carbon disulfide	4.81	Cyclohexenone	0.76	Methanol	0.75	two, or all three of these cor	nstitue
	A	2. Table CCW ··	Constituent	Concentrations in Westes			
REGULATED	NWW	REGULATED	NWW	REGULATED	NWW	REGULATED	1
HAZARDOUS	CONC.	HAZARDOUS CONSTITUENT	CONC.	HAZARDOUS CONSTITUENT	(mg/kg)	HAZARDOUS CONSTITUENT	C (n
CONSTITUENT		o-Dichlorobenzene	6.2		33	1,1,2-Trichloroethane	+
Acetone	160		33	Methyl isobutyl ketone			+
Benzene	3.7	Ethyl acetate		Nitrobenzene	14	Trichloroethylene	-
n-Butylalcohol	2.6	Ethyl benzene	6.0	Pyridine	16	1,1,2-Trichloro- 1,2,2-trifluoroethane	
Carbon tetrachloride	5.6	Ethyl ether	160	Tetrachloroethylene	5.6	7,2,2	1
Chlorobenzene	5.7	isobutyl alcohol	170	Toluene	28	Trichloromonofluro- methane	
Cresol (m- & p-isomers)	3.2	Methylene chloride	33	1,1,1-Trichloro-	5.6	Thousand The Control of the Control	1
o-Cresol	5.6	Methyl ethyl ketone	36	ethane		Xylene (Total)	\perp
NOTIFICATION FOR F039	MULTI-SO		-10				
		T		oncentrations in Waste Extract			
REGULATED	CONC.	REGULATED HAZARDOUS	CONC.	REGULATED HAZARDOUS	CONC.	REGULATED HAZARDOUS	
HAZARDOUS CONSTITUENT	(mg/l)	CONSTITUENT	(mg/l)	CONSTITUENT	(mg/l)	CONSTITUENT	1
Antimony	0.23	Cadmium	0.066	Mercury	0.025	Silver	+
Arsenic	5.0	Chromium (Total)	5.2	Nickel	0.32		+
Barium	52.0	Lead	0.51	Selenium	5.7		+
		2. Table CCW -	Constituent	Concentrations in Wastes			
REGULATED	I NWW	REGULATED	Nww	REGULATED	Nww	REGULATED	T,
HAZARDOUS	CONC.	HAZARDOUS	CONC.	HAZARDOUS	CONC.	HAZARDOUS	1
CONSTITUENT	(mg/kg)	CONSTITUENT	(mg/kg)	CONSTITUENT	(mg/kg)	CONSTITUENT	(r
Acetone	160.0	Benzo(a)anthracene	8.2	bis(2-Chloroethoxy)	7.2	o.p'-DDD	1
Acenaphtalene	3.4	Benzo(b)fluoranthene	3.4	methane	1.2	p.p'-DDD	1
Acenaphthene	4.0	Benzo(k)fluoranthene	3.4	bis(2-Chloroethyl) ether	7.2	o,p'-DDE	0
Acetophenone	9.7	Benzo(g,h,i)perylene	1.5	Chloroform	5.6	p.p'-DDE	10
2-Acetylaminofluorene	140	Benzo(a)pyrene	8.2	bis(2-Chloroisopropyl) ether	7.2	o.p'-DDT	0
Acrylonitrile	84	Bromodichloromethane	15	p-Chloro-m-cresol	14	p.p'-DDT	10
Aldrin	0.066	Bromoform	15	Chloromethane (Methyl		Dibenzo(a,h)anthracene	+
Aniline	14	Bromomethane (methyl		chloride)	33	m-Dichlorobenzene	+
Anthracene	4.0	bromide)	15	2-Chloroaphthalene	5.6	o-Dichlorobenzene	+
Aroclor 1016	0.92	4-Bromophenyl phenyl ether	15	2-Chlorophenol	5.7	p-Dichlorobenzene	+
Aroclor 1221	0.92	n-Butyl alcohol	2.6	3-Chloropropene	28	Dichlorodifluoromethane	+
Aroclor 1232	0.92	Butyl benzylphthalate	7.9	Chrysene	8.2	1.1-Dichloroethane	\top
Aroclor 1242	0.92	2-sec Butyl-4,6	1	o-Cresol	5.6	1,2-Dichloroethane	\top
Aroclor 1248	0.92	dinitrophenol	2.5	Cresol (m- and p-isomers)	3.2	1,1-Dichloroethylene	\top
Aroclor 1254	1.8	Carbon tetrachloride	5.6	1.2-Dibromo-3-	1	trans 1,2-Dichloroethene	+
Aroclor 1260	1.8	Chlordane	0.13	chloropropane	15	2.4-Dichlorophenol	+
	0.066	p-Chloroaniline	16	1.2-Dibromoethane		2,6-Dichlorophenol	+
alpha-BHC	0.000		1		15		
	0.066	Chlorobenzene	5.7	(Ethylene dibromide)	1	1,2-Dichloropropane	
alpha-BHC		 		(Ethylene dibromide) Dibromomethene	15	1,2-Dichloropropane cis 1,3-Dichloropropane	+
alpha-BHC beta-BHC	0.066	Chlorobenzene Chlorodibromo- methane	5.7		-		+

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET.

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

MIS: OURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality
Hazardous Waste Program
O. Box 176 Jefferson City, Missouri 65102

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEM TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCE

314-634-2436

Please print or type (Form designed for use on elite (12-pitch) typewriter.) Form Approved OMB No 2050-0039, Expires 9-30-94 1 Generator's US EPA ID No. UNIFORM HAZARDOUS Manifest Information in the shaded areas 7 of _ WASTE MANIFEST is required by State law 3. Generator's Name and Mailing Address
McDonnell Douglas Corporation, Natlcode 0343530 A. Missouri Manifest Document Number 0 0 11 0 10 11 2 15 0 Lindbergh & McDonnell BLvds., Hazelwood, No 53042 B. G.S.I. (Gen. Site Address) 4. Generator's Phone (XHEKHEEK 232-3319 Same 001001 5. Transporter 1 Company Name 6. US EPA ID Number C. MO. Trans. ID 11- 1431 D. Transporter's Phone 800-558-5001 Schneider Tank Lines, 18111019181619101617167 Inc. 8. US EPA ID Number 7. Transporter 2 Company Name E MO. Trans. ID H 1273 F. Transporter's Phone 105-849-947-S 9. Designated Facility Name and Site Address ILHDIO5VIO 10. US EPA ID Number G. State Facility's ID Safety-Kleen, Hebron Recycle Center OHD980587364 H. Facility's Phone 581 Milliken Drive SE Hebron, Ohio 43025 61515151515161515171 614-929-3532 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Total I. Waste No. Number EPA WASTE CODE Waste Trichloroethylene UN1710 (FOUT/DO40) G b. **EPA WASTE CODE** E STATE A EPA WASTE CODE 黨十二十二 0 STATE EPA WASTE CODE (#) (#) (#) (#) STATE T. J. Additional Descriptions for Materials Listed Above K. HANDLING CODE (FACILITY USE ONLY)
INTERIM FINAL also DO40 S.G. 1.2 Min ID nai Control# a. . . 158273-9 6 **"阿拉斯** out to the second of the secon c. of the second 15. Special Handling Instructions and Additional Information "If unable to deliver to desigina ted TSD facility, return Emergency Contact:314-232-2285 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford. Printed/Typed Name Signature Year Wagner - Darks 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Day Month Year 10) ORGC MANN 1219 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 19. Discrepancy Indication Space Reject 6 drums of item 11/A due to low flash and send to Safeety Kleen Corp. S. Hwy 146 New Castle, KY 40050 KYD053348108 502/845-3452 per telephone conversation with Annette Wagner-Banks and Diane sturm 2-9-93. Accepted remaining drums. 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Date finted/Typed Nar Day

Generator EPA ID: MDD000818963	EPA Waste ID: Food-Foo3-Foo5-Oc
Manifest No.: 201001-2507	Facility Wastestream No.:045
This form is submitted in compliance with	
I. WASTE IDENTIFICATION Identify all U.S. EPA hazardous waste number group(s) applicable to this waste shipment	
A. D001: 1) Ignitable Liquids:a) NWW TOC >	10%;b) NWW ¹ 1% to <10% TOC;c) WW ² 3) Ignitable Renctives;4) Cxidizers
B. D002: 1) Acids; 2) Alkaline; C. D003: 1) Reactive Cyanides; 2)	_3) Other Corrosives
D	Hercury;2) High Hercury
E. F025:1) Light Ends;2) Spent F: F. K061:1) Low Zinc;2) High Zinc G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMBI	•
F002 F003 F005	None
H. Treatability Group (VI not previously in Wastewater; Li	
II. LAND DISPOSAL RESTRICTIONS A. Restricted wastes with EPA hazardous	waste number(s) DOO7-DOOK
have treatment standards expressed as (CCWE) per 40 CFR 268.41.	constituent concentrations in waste extract
B. Restricted wastes with EPA hazardous have treatment standards expressed as	waste number(s) FOO2-FOO3-FOO5 constituent concentrations in waste (CCW)
pre 40 CFR 268.43. C. Restricted wastes with EPA hazardous	
List the applicable five-letter treat	a specific technology per 40 CFR 268.42.
D. Wastes with EPA hazardous waste numbe	ther having a
not subject to the land disposal proh	ion and are contaminated scil and debris, are ibition until
to other variance, extention or exemp	r(s) subject
1 Non-Wasters 200	

Waste for which applicable treatment standards must be listed completely:

1.) Spent Solvents If U.S. EPA 3/5 F001 F002, F003, F004 or F005 appear in Section I, check all Individual constituents contained in these wastes(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCM (In	mg/i)₁ NWW¹ ✓	F001-5 Spent Solvents	ccw (in	mg/f) 1
AceloneBenzenen-Butyl AlcoholCarbon TetrachlordeChlorobenzeneCresols(m- & p-isome:s)o-Cresolo-DichlorobenzeneEthyl AcetateEthyl EtherIsobutyl AlcoholMethylene Chloride	0.28 0.070 5.6 0.057 0.057 0.77 0.11 0.083 0.34 0.057 0.12 5.6 0.089	160 3.7 2.6 5.8 5.7 3.2 5.6 6.2 33 6.0 160 170 33	Methyl Ethyl Ketone Methyl Isobutyl Ketone Nitrobenzene Pyridine Tetrachloroethylene Toluene 1,1,2-Trichloro- 1,2,2-Tn=ucruothene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloromono- fluoromethane Xylene	0.068 0.014 0.058 0.08 0.057 0.054 0.030 0.054 0.02 0.32	38 33 14 16 5.6 28 28 5.6 7.6 5.8
Carbon Disulfide Cyclohexanone Methanol	CCWE (I N/A N/A N/A	n mg/l) 4.8 0.75 0.75	2-Nitropropane 2-Ethoxyethanol		INCIN

2) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section I is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

	LIMITS
Nickel and/or compounds (as Ni)	≥134 mg/
Thallium and/or compounds (as TI)	≥130 mg/

Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is awars of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth In Part 268.32 or RCRA Section 3004(d).

		STATE OF ILLINOIS ENVIRONMANTAL PROTECTION AGEN	CY DIVISION OF LAND	POLLUTION C	ONTROL	LD# 63	4929	
		1039 11 CP P.O. BOX 19276 , SPRINGFIELD	D, ILLINOIS 62794-9276	(217) 782-67	61		T OF HAZA	RDOUS. INFECTIOUS
E	7	.++		IL532-0610				
	PLE	UNIFORM HAZARDOUS 1. Generator's US EPA	EPA Form 8700-2	2 (Rev. 9-88) Manifest	2. Page 1		THE RESIDENCE OF THE PERSON NAMED IN	aded areas is not
	1	WASTE MANIFEST MODO00818963	1 0	ocument No.	of 1	required t	y Federal la	aw, but is required
03		Generator's Name and Mailing Address Location If D	Different:	2300	A. Illinois M	anifest Docu	ment Nun	ber
		McDonnell Douglas Corporatiogn, Mailcoo	le 0343530		IL 3	2909	44	MANIFEST FEE EXEMPT
g 063		Lindgergh & McDonnell Blvds., St. Loui	is, MO 63042		B. Illinois	020	189	5021
		4. Generator's Phone (314) 232-3319			Generate ID	100	10	50011
		5. Transporter 1 Company Name 6. Schneider Tank Lines, Inc.	US EPA ID Numb D 9 8 0 9 0			ansporter's		1266
		7. Transporter 2 Company Name 8.				558-509		porter's Phone
		None	US EPA ID Numb	er	F.()	ansporter's		porter's Phone
		Designated Facility Name and Site Address 10.	US EPA ID Numb	er	G.Illinois	· agenta i d	Hans	JOHE ST TOTE
		Safety-Kleen Envirosystems			Facility's		06	90006
		633 East 138th Street			H. Facility's	Phone		
			D 9 8 0 6 1			849-48	0	
		11. US DOT Description (Including Proper Shipping Name, Hazard Co	lass, and ID Number		-	13. Total	14. 1. Unit	L Mosto No
	G	a. 20 11 1 0011 A 11 (1 C (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		No.	Type	Quantity	Wt/Vol	Waste No. EPA HW Number
1021	E	RQ Waste URM-A, N.U.S (contains chioria	unated solve	nts)			X	X F 001
1-	N	ORM-A NA1693 (F001/F0U2/D040)		005	DM DA	12,75	1 xx ^	thorization Number
116	E	b. RQ Waste Paint Related Material					V	EPA HW Number
1160	A	Flammable Liquid UN1263		7	214	,	X	XF 0 0 B
	Т	(F0U3/F005/D001/D007/D018/D035)		0.23	Di: O	12,65	1 0	$0_{1} \cdot 1_{1} \cdot 6_{1} \cdot 1_{1}$
129	0	c. RQ RQx Wakste Flammable Liquid, N.O.S.	(contains				X	X F O O D
2527	R	flammable/chlorinated solvents) Flammal		0 01	DM A	0,1,1,0	i	uthorization Number
-		UN1993 (F002/F003/D001/D007/D008/D035/I			51.1 D			EPA HW Number
402		RQ Waste ORM-NA, MN.O.S. (contains oil		1			X	XFOOL
		with chlorinated solvents) ORM-A NAI				1,3,75	1 0^	D I b 2
		J. Additional Descriptions of Materials Listed Above 1036284-5	S.G. 0.9 MO I	D 041	K. Handling	Codes for	Wastes Lis	sted Above
	١,	b. also F005/D001/D007/D008/D035 Contro	1 #036219 S.	G. 0.8 (2 = CL	bic Yards
		c.#also F003/D001/D007/D008/D035/D040 (0 045	A 501/	5021205/
		d. x3% also F002/D039/D040 Control #0	036263 SG 0.8	6 MO ID	047		c 59/	02/ROS
		15. Special Handling Instructions and Additional Information					0 50//	NOZ/ROS
		"If unable to deliver to designated	TSD facility	, return	to ge	nerator	н	1
		Emergency Contact: 314-232-2285				110	200	α.
		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this	consignment are fully an	d accurately de	secribed sho		382	-]
		proper shipping name and are classified, packed, marked, and labeled, and a						
		according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to	reduce the volume and	toxicity of wa	ste generate	d to the degre	e I have de	etermined to be
		economically practicable and that I have selected the practicable method of future threat to human health and the environment; OR, if I am a small qua	of treatment, storage, or	disposal curren	ntly available	to me which	minimizes t	he present and
		the best waste management method that is available to me and that I can af	ford	ade a good lai	th enort to h	mininze my w		Date
	1	Annette Wagner Backs	Signalure L	12.	6	1	Mo	onth Day Year
	*	17. Transporter 1 Acknowledgement of Receipt of Materials	I knew c	vy ner	- Na	LS		Date
	R		Signature	7			Mo	onth Day Year
	RANSP	JAMES R CRONK	Farmer S	and		9	0	12193
	0	18. Transporter 2 Acknowledgement of Receipt of Materials						Date
	RTER	Printed/Typed Name	Signature				Mo	onth Day Year
	n	19. Discrepancy Indication Space 3 - Corrected III	C		0 0	11.55 M.	- J.	lialaz mal
	·F	10. Discrepancy indication opace (3 - Corrected III	· Gen. ID	T- 3 61	C . G	.xarg.10.	^ 7 2	112127
	A							
	L	*						
	T	20. Facility Owner or Operator: Gertification of receipt of hazardous m		is manifest ex	cept as no	ted in item 1		Date
	Y	Rrinted/Typed Name	Sionsfore	. //	d		M	onth Day Year
1	TT	his Agency is authorized to require, pursuant to filmos Revised Statutes, Chapter 111% Section 21, that the operator of not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine	s information be submitted to the	e Agency. Failure to	provide the info	mation may result	in a civil pena	ity against the owner

Generato	r EPA ID: mos000818963 EPA Waste ID: FOOI / FOUL/ BOYO
Manifest	No.: 123290944 01001-2506 Facility Wastestream No.: 041
	m is submitted in compliance with 40 CFR 269.
I. WASTE Ident group A. DO	
B. DO	Ignitable Liquids:a) NWW ¹ TOC ≥10%;b) NWW ¹ 1% to <10% TOC;c) WW ² 2) Ignitable Compressed Gases;3) Ignitable Reactives;4) Cxidizers 002:1) Acids;2) Alkaline;3) Other Corrosives 1) Reactive Cyanides;2) Reactive Sulfides;3) Explosives; 4) Water Reactives;5) Other Reactives
E. FC F. KC G. AL	D009: K106: U151: 1) Low Mercury; 2) High Mercury 25: 1) Light Ends; 2) Spent Filters/Aids & Desiccants 661: 1) Low Zinc; 2) High Zinc L OTHER U.S. EPA HAZARDOUS WASTE NUMBERS SUBCATEGORIES (IF APPLICABLE)
-	
H. Tr	eatability Group (if not previously indicated):
II. LAND	DISPOSAL RESTRICTIONS
<u>X</u> .A.	Restricted wastes with EPA hazardous waste number(s) FOOIFOOJDOYD have treatment standards expressed as constituent concentrations in waste extract (CCWE) per 40 CFR 268.41. Restricted wastes with EPA hazardous waste number(s)
	have treatment standards expressed as constituent concentrations in waste (CCW) per 40 CFR 268.43. Restricted wastes with EPA hazardous waste number(s)
	have treatment standards expressed as a specific technology per 40 CFR 268.42. List the applicable five-letter treatment code: INCIN:DEACT:STABL: Other
D.	Wastes with EPA hazardous waste number(s) having a
	treatment standard based on incineration and are contaminated scil and debris, are
	not subject to the land disposal prohibition until
E.	Wastes with EPA hazardous waste number(s) subject
	to other variance, extention or exemptions: Specify
	¹ Non-Wastewater; ² Wastewater

Generator EPA ID: ルロ	000818963	EPA Waste ID: F003/F005/1001/12 2018/10035	1000/
Manifest No.: 12 329	2544/01001-2506	Facility Wastestream No.: 043	
	I in compliance with 40	CFR 269.	
I. WASTE IDENTIFICATION Identify all U.S. EF group(s) applicable A. D001:	A hazardous waste number(to this waste shipment. ds:a) NWW TOC ≥ 107. Compressed Gases;3) s;2) Alkaline;3 tive Cyanides;2) Rea r Reactives;5) Other	(s), subcategory(ies) and treatability (s), s	
Wastewater; II. LAND DISPOSAL RESTR A. Restricted was have treatment (CCWE) per 40 B. Restricted was	ICTIONS tes with EPA hazardous was standards expressed as co CFR 268.41. tes with EPA hazardous was	ste number(s) F003(F005/5007/D049/1000) onstituent concentrations in waste extract	∆ 03 S
per 40 CFR 268 C. Restricted was have treatment List the application in the standard process of the standard pot subject to the standard pot	.43. tes with EPA hazardous was standards expressed as a cable five-letter treatment of the hazardous waste number (standard based on incineration the land disposal prohibit hazardous waste number (standardous waste number (s	ste number(s) specific technology per 40 CFR 268.42. nt code: er s) having a n and are contaminated scil and debris, are ition until subject	È
to other variar	nce, extention or exemptic	ons: Specify	

Generator EPA ID: MOO 000 818963	EPA Waste ID: FOOJ FOO3 (BOO1 BOO7 BOO8
Manifest No.: 1L3290944 01001-2506	Facility Wastestream No.: 045
This form is submitted in compliance with	
I. WASTE IDENTIFICATION Identify all U.S. EPA hazardous waste numb	
<pre>group(s) applicable to this waste shipment A. D001:</pre>	•
1)Ignitable Liquids: ∠a) NWW 1 TOC ≥	10%;b) NWW ¹ 1% to <10% TOC;c) WW ² 3) Ignitable Reactives;4) Cxidizors
B. D002:1) Acids;2) Alkaline; C. D003:1) Reactive Cyanides;2)	
4) Water Reactives;5) Ot	
DD009:K106:U151:1) Lo	w Mercury;2) High Mercury
E. F025:1) Light Ends;2) Spent F	
F. KO61:1) Low Zinc;2) High Zinc G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMB FOOL FOO3 5007 5008 55 50	ERS SUBCATEGORIES (IF APPLICABLE)
H. Treatability Group (if not previously iWastewater;Non-Wastewater; L	
II. LAND DISPOSAL RESTRICTIONS	
A. Restricted wastes with EPA hazardous have treatment standards expressed as (CCWE) per 40 CFR 268.41.	waste number(s) FD01/F003/8007/8008/8035/8 s constituent concentrations in waste extract
B. Restricted wastes with EPA hazardous	waste number(s)
have treatment standards expressed as per 40 CFR 258.43.	s constituent concentrations in waste (CCW)
C. Restricted wastes with EPA hazardous	waste number(s)
List the applicable five-letter treat	a specific technology per 40 CFR 268.42. ment code: Other
D. Wastes with EPA hazardous waste number	er(s) having a tion and are contaminated scil and debris, are
	ibition until
E. Wastes with EPA hazardous waste number	tions: Specifysubject
1 Non-Wastewater · 2 Wastewater	

Generator EPA ID: MOD 000 & 876 &	EPA Waste ID: FOOI (6004 8039/80)
Manifest No.: 12 3290944/01001-2506	Facility Wastestream No.: 047
This form is submitted in compliance with 4	0 CFR 269.
I. WASTE IDENTIFICATION	
Identify all U.S. EPA hazardous waste number	(s), subcategory(ies) and treatability
group(s) applicable to this waste shipment.	
A. D001:	%;b) NWW^{1} 1% to <10% TOC;c) WW^{2}
2) Ignitable Compressed Gases;3)	
B. DOO2:1) Acids;2) Alkaline;	
C. D003:1) Reactive Cyanides;2) Re	
4) Water Reactives;5) Othe	
DD009:K106:U151:1) Low	
E. F025: 1) Light Ends; 2) Spent Fil	
F. K061:1) Low Zinc;2) High Zinc	*
G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMBER	
F001/F002/D039/D040	Done
	P4
H. Treatability Group (if not previously indWastewater;Non-Wastewater; Lis	
II. LAND DISPOSAL RESTRICTIONS	
XA. Restricted wastes with EPA hazardous wa	aste number(s) F001 F004 8039 D04
have treatment standards expressed as o	constituent concentrations in waste extract
(CCWE) per 40 CFR 268.41.	,
B. Restricted wastes with EPA hazardous wa	aste number(s)
	constituent concentrations in waste (CCW)
per 40 CFR 268.43.	
C. Restricted wastes with EPA hazardous wa	
	specific technology per 40 CFR 268.42.
List the applicable five-letter treatme	
INCIN:DEACT:STABL: Oth	
	s) having a
	on and are contaminated scil and debris, are
E. Wastes with EPA hazardous waste number(e) author
to other variance, extention or exempti	ons: Specify
The state of the s	E Marine 100
Non-Wastewater 2Wastewater	



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT PART I

	BUFORN COFTING FORM, ATTACK BITE	K SHILL KCLYSPALIA
	CONNELL AIRCRAFT CO	-TRACT E
3	CONTACT: JOSEPH HAAK	
	MCDONNELL & LINDBERGH	BLVD
	HAZELWOOD MO 63042	
	Bandon Treestatives	
	EPA ID=M0D000818963	MO ID=HH1013/
	1	RRO268
). 1410200
		-
	FACILITY'S EPAID. HUMBER	ACIUTY'S MISSOURI I D. MUMBER
	M.O.D.O.O.O.8.1.8.9.6.3	R. R. O. 2.6.8
	NOTE: THE FEDERAL EPA AND MISSOURI FACILITY I.D. NI	UMBERS ARE ASSIGNED EYELENELY
	TO THE SITE WHERE WASTE IS HANDLED. YOU MUS	T NOTIFY THE DEPARTMENT IF THE

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER P	RINT OR TYPE			
SECTION A - REPORT IDENTIFICATION				4. A. A. 安代
IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM, TREAT,	1. FOR THE PERIOD	ENDING ICHECK ONE	& FILL IN YE	AR) 2 PAGE
STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT THE TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WASTE		AB) [] (2.11	CCAR	
RECEIVED FROM ALL SOURCES. ALL FACILITIES MUST REPORT	10.000			1 1 17 119
QUARTERLY.	3-31-93 (YE			
SECTION B - FACILITY IDENTIFICATION	2年(1941年)	· · · · · · · · · · · · · · · · · · ·	•••	12 m
2 FACILITY HAME X SAME AS LABEL				
McDonnell Aircraft Company	*			
4. FACILITY CONTACT PERSON (NAME) D SAME AS LABEL		TELEPHONE NUMBE	R	
Joseph Haak e			314-23	2-3319
& MAILING ADORESS	CITY		STATE	ZIP CODE
P.O. Box 516, Mail Code 0343530	St. Louis		MO	63166
& PLANT SITE ADDRESS SAME AS LABEL	CITY		STATE	ZIP CODE
McDonnell & Lindbergh Blvd.	Hazelwood		МО	63042
7. NAME OF PARENT FIRM			OFFICE USE	OHLY
McDonnell Douglas Corporation				×
CECTION O COMMENTS		CONTRACTOR OF STREET		

SECTION D - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

DATE

ROBERT H. KAATMAN

PM Tauto

14 MAY 93

PRINT NAME



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R . R. O. 2.6.8

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N	OTE PLEASE READ INSTRUC	TIONS	AND EITHER PR	INT O	RTYPE				
	ECTION E - REPORT IDENTIFICATI						#### (O		
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE	AND THE STREET, STREET	NOTE: SUMMARIZE TH	E ALA	OLINIT	OF WASTS	DECEMEN
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		EAH)			COMPLETED FOR EACH				D TO BE
	ECTION F - GENERATOR IDENTIFIC	CATIO	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	COMPANY STREET	Name and the company of the property of the pr	Name and Address of the Owner, where			
3. (GENERATOR'S NAME				WASTE IDENTIFIED ON THIS VERATED AND MANAGED ON-	5. GE	NERATOR	'S U.S.EPA I.D. N	NUMBER
			SITE - CHECK	THIS BO)X	M .	0. 0. 0	0.0.8.1	.8 .9 .5 .5
	McDonnell Douglas Corporat	ion				1	, , ,	0001	0.5.5.5
6. (GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATOR	'S MISSOURI I.C	NUMBER
	6951 North Hanley Road, Ha	701110	od MU 63043				0	0.1.2.4	9
	6951 North hantey koad, na	261 MO	00, MU 03042				· ·	0.1.2.4	. 9
S	ECTION G - WASTE IDENTIFICATION	NC.		200				4.	
is	UMMARIZE THE AMOUNT OF WASTE F	ROM T				NDLE	D AT Y	OUR SITE	
L	8.	9.	10.		11.	12.	13.	14	
ī	DESCRIPTION	DOT	EPA HAZARDOUS		TOTAL AMOUNT	UNIT	SPECIFIC	CO	
N	OF WASTE	CODE	WASTE NUMBER		OF WASTE	OF MEAS.	GRAVITY	INTERIM	
E		CODE				MLAS.		IN I ENIM	FINAL
1	Debris from aircraft		D 0 0 7 F 0						
•	servicing/painting	15	F 0 0 3 F 0		2,760	P	•	S 0 1	T 0 3
2	Oil contaminated with	١.	F 0 0 1 F 0	0.5					
2	chlorinated solvents	1 3	D O 3. 9 D O.	4.0	490	P	•	S 0 1	T 50
_	Oil contaminated with		F 0 0 2 F 0	0.3					
3	chlorinated solvents	1 3	P 0 0 5 · ·		1,469	р		50 1	T 5 0
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_	pariterity/metal creating	0 0	0.0.3.2		100		•	301	
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S	ECTION H - COMMENTS								
15.									
	Line 1: Additional final	hand	ling code: T	50					
	Lines 2,3,4: Additional	final	handling cod	e: -	T03				
			*						



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3178

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R. R. O. 2. 6.8

	NOTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE												
SE	SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)												
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I	N YEAR)	2. PAGE		NOTE: SUMMARIZE TH	HE AM	TAUOI	OF WASTE	RECEIVED				
	9-30(YEAR) 12-31(Y	EAR)	3 ,	OF 17	AND HOW IT WAS HAND								
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	COMPLETED FOR EACH INDIVIDUAL SOURCE.												
SE	SECTION F GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)												
3. 0	A. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-												
		•		- CHECK THIS		l.,			0 0 7 1				
	McDonnell Douglas Corporat	ion). W	ט עי נ	008.1	8 9 7 1				
6. 0	SENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATOR	S MISSOURI I.	D. NUMBER				
			10 60010				0	0.1.2.5	1				
	5775 Campus Pkwy., Hazelwo	od, N	10 63042				U.	0.1.2.3	. 1				
S	ECTION G - WASTE IDENTIFICATION	ON . "											
(5	UMMARIZE THE AMOUNT OF WASTE												
L	8.	9. DOT		0.	11.	12. UNIT	13.	14. HAN	DLING				
N	DESCRIPTION	HAZARD		ARDOUS NUMBER	TOTAL AMOUNT	OF	SPECIFIC	CO	300				
Ε	OF WASTE	CODE	WASIE	NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL				
	Water-emulsified cutting		D. 0.9.8										
1	oil				8,720	P	•	S 0 1	T 0 4				
	Debris from aircraft		D· 0·0·7	F · 0 · 0 · 2									
2	servicing/painting	1 5	F · 0 · 0 · 3	F·0·0·5	2,760	P		S 0 1	T 5 0				
	Ignitible solvents from	1	F.0.0.3	F·0·0·5									
3	painting/metal cleaning	0 8	D. 0.0.1	D·0·0·7	2,640	P	•	S 0 1	T 5 0				
			D. 0.3.2		•								
4													
-	Oll contaminated with		F.0.0.1	F .0 .0 .5									
12	chlorinated solvents	1 3	0.0.3.9	0.0.4.0	1,469	Р	•	S 0 1	T 5 0				
	Oil contaminated with		F.0.0.2	E.0.0.3									
6	chlorinated solvents	1 3	F · 0 · 0 · 5		3,427	P	•	S 0 1	T 5 0				
-		1											
7													
8	×						•						
S	ECTION H - COMMENTS												
-													

Line 1 additional final handling code: T50 Lines 2,3,5,6 additional final handling code: T03



HAZARDOUS WASTE PROGRAM

P.O. BOX 178 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M, 0, D, 0, 0, 0, 8, 1, 8, 9, 6, 3

FACILITY'S MISSOURI

R.R.O.2.6.8

	OTE > PLEASE READ INSTRUC												
S	ECTION E - REPORT IDENTIFICATI			ON PART I)									
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE	1	NOTE: SUMMARIZE TH								
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S	SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)												
3. (GENERATOR'S NAME 4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-												
	McDonnell Douglas Corporation McDonnell Douglas Corporation McDonnell Douglas Corporation												
6.0		CITY			STATE ZIP CODE			'S MISSOURI I.D					
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	Second & Morgan Streets, S				ore a doct.		U	0. 1. 2. 5	. 3				
S	ECTION G - WASTE IDENTIFICATION IN THE RESEARCH OF WASTER	ON FROM TI		LISTED GENE		NDLE	D AT Y	OUR SITE					
L	8.	9.		10.	11.	12.	13.	14. HAND	I INC				
1	DESCRIPTION	HAZARD	EPA HA	ZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	CO					
N E	OF WASTE	CODE	WASTE	NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL				
	Debris from aircraft			F · 0 · 0 · 3				- 10 14					
1	servicing/painting	1 5		D. 0.0.7	4,140	P		S.0 .1	T. 2 . 0				
2	Oil contaminated with	1 3		F.0.0.3	1 050	Р		S 0 1	T 5 0				
\vdash	chlorinated solvents	13	D. 0. 9.8		1,958	P	•	201	1 5 0				
3	Coolant	•			3,080	P		S 0 1	T 0 4				
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S	ECTION H - COMMENTS												
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	Lines 1,2 additional fina	l han	dlina co	de: T03									
	Lines 1,2 addictional fina	i mani	aring co	de. 105									
-	TO4: Precipitation, reduct	tion,	neutral	ization,	filtration, coaqula	tion	, fix	ation.					
	and discharge to POTW.			•									



P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M, 0, D, 0, 0, 0, 8, 1, 8, 9, 6, 3

FACILITY'S MISSOURI I.D. NUMBER

R, R, 0, 2, 6, 8

	NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE									
S	ECTION E - REPORT IDENTIFICATI	ON (AS								
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL II	N YEAR)	2. PAGE		NOTE: SUMMARIZE TH					
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S	ECTION F - GENERATOR IDENTIFIC	CATIO	N (LIST TI	HE SOURCE	OF THE WASTE LISTED O	N THI	S PAG	E)		
3. (GENERATOR'S NAME		4. IM	PORTANT: IF TH	HE WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. GE	NERATOR	R'S U.S.EPA I.D. I	NUMBER	
	M-Dannell Davides Company			TE - CHECK THIS		M	0 0 0	0 0 8 1	.8 .9 .1 .4	
	McDonnell Douglas Corporat	. i on		^			0.0.0	.0 .0 .0 .1	.0 .5 .1 .4	
6. (GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. G	NERATOR	R'S MISSOURI I.). NUMBER	
	325 McDonnell Blvd., Hazel	wood	MO 630	142			0	0.1.2.5	A	
	323 Pedoline II BIVa., Mazer	HOOU;	, 110 030	746			0.	0.1.2.3	. 4	
S	ECTION G - WASTE IDENTIFICATION	NC								
(5	SUMMARIZE THE AMOUNT OF WASTE F	ROM T	HE ABOVE	LISTED GEN	ERATOR AND HOW IT WAS HA	NDLE	DATY	OUR SITE)		
L	8.	9. DOT		10.	11.	12.	13.	14. HAND	DLING	
1	DESCRIPTION	HAZARD		AZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC		DE	
NE	OF WASTE	CODE	WASTI	NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL	
	Ignitible solvents from		F · 0 · 0 · 3	F · 0 · 0 · 5						
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HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

ACDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

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S)	ECTION E - REPORT IDENTIFICATI	COLUMN TO SERVE		N PART I)			100 10 00								
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				CHECK THIS	ENERATED AND	MANA	GED (۵۸- ۲		١					
	McDonnell Douglas Corporat	tion			L		>	L		M.	0. D.	9.8.0	. 6 . 3	3.3.3	٠4٠.
. (SENERATOR'S ADDRESS	CITY			STATE	ZIF	COD	E		7. GI	ENERATO	OR'S MISS	OURI I	D. NUMBI	ER
	4341 Green Ash, Earth City	, MO	62046									0.0.3	. 2 . 2	6	
										7		1.0.3	.3.2	.0	
	ECTION G - WASTE IDENTIFICATION												· · · ·		
8	UMMARIZE THE AMOUNT OF WASTE F	-	A STATE OF THE PARTY OF THE PAR		RATOR AN	SECOND PARTICULAR DESCRIPTION OF THE PERTINENT	N IT	WAS	HA	Security Sections	Annual Street, or other Designation of the last of the	median meneral	ITE)		
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Lines 1,2 additional final handling codes: TO3

ECTION H - COMMENTS

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R.R.O.2.68

	OTE PLEASE READ INSTRUC													
SI	ECTION E - REPORT IDENTIFICATI	CONTRACTOR DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	STATE OF THE PERSON NAMED IN COLUMN 1	ON PART I)										
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE	HOTEL COMMENTED THE AMOUNT OF WAST										
	9-30(YEAR)		7	OF 17	AND HOW IT WAS HAND									
	№ 3-31- 93(YEAR) □ 6-30(Y	EAR)		ON THIS PAGE. ADDITIONAL PAGES NEED										
	COMPLETED FOR EACH INDIVIDUAL SOURCE.													
	SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE) 4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS 5. GENERATOR'S U.S.EPA I.D. NUMBER													
3. (GENERATOR'S NAME		PAG	E WAS BOTH G		5. GE	NERATOR	I'S U.S.EPA I.D	. NUMBER					
PAGE WAS BOTH GENERATED AND MANAGED ON-														
McDonnell Douglas Corporation M·O·D·9·8·O·8·5·9·6·1														
6. (GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. G	NERATOR	'S MISSOURI	.D. NUMBER					
	6667 Jonas Place, Hazelwoo	4 MU	63042				0.	0. 4. 0. 0	0.8					
,								- Section 1						
S	ECTION G - WASTE IDENTIFICATION SUMMARIZE THE AMOUNT OF WASTE F	JN BOM T	HE ABOVE L	ISTED CEN	ERATOR AND HOW IT WAS LI	MOLE	DATW	OUR CITES						
L	SUMMARIZE THE AMOUNT OF WASTER	9.	Assessment of the Assessment of the Indian	O.	II.	12.	13.	14						
i	DESCRIPTION	DOT		ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	HA	NDLING CODE					
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E	Elammable laboratory		0.0.0.1			mens.		IN I E ISHM	FINAL					
1	Flammable laboratory chemicals	0 8	D.0.0.1		200	-	. 1	S 0 1	T'0 '3					
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6														
-														
7														
8														
S	ECTION H - COMMENTS													

Line 2: Additional final handling code: T50

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PARTII

MISSOURI DEPARTMENT OF NATURAL RESOURCES | BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

■M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R.R.O.2.6.8

	NOTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE												
Si	SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)												
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE		NOTE: SUMMAR								
	9-30- (YEAR) 12-31(Y		8	OF 1-7	AND HOW IT WAS								
(YEAR) 6-30- (YEAR) ON THIS PAGE. ADDITIONAL PAGES NEED TO BE													
	SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE) GENERATOR'S NAME 4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS S. GENERATOR'S U.S. EPA I.D. NUMBER												
	1. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON- SITE - CHECK THIS BOX												
1	McDonnell Douglas Corporat	ion	3110	- CHECK THIS I	-		0 D 9	8096	8 4 5 7				
8. (SENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7	GENERATO	R'S MISSOURI I.C	. NUMBER				
	non Exact Parkalay MO 6	212/					0	0.4.2.1	.7				
	8900 Frost, Berkeley, M0 63134 0.0.4.2.1.7												
S	ECTION G - WASTE IDENTIFICATION)N											
(5	UMMARIZE THE AMOUNT OF WASTER	ROM I	Commence of the second	ISTED GENE	ERATOR AND HOW IT V	VAS HAND	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS ASSESSED.	14					
L	DESCRIPTION	DOT	1	ARDOUS	TOTAL AMOUNT	UA		HANG	DE LING				
N	OF WASTE	HAZARO		NUMBER	OF WASTE	OF MEAS.	CDAVITY	INTERIM	FINAL				
E	Taribila salvanta from	LUDE	F 0 0 2	C 0 0 E		ME	13.	INTERIM	FINAL				
1	Ignitible solvents from painting/metal cleaning	8 0	D·0·0·3	F·0·0·5	880	P		5 0 1	T 5 0				
_	painting/metal creaning	0 0	D·0·3·5	7.0.0.7	000	- F	•	S 0 1	1 3 0				
2	ä												
-	Alkaline from derusting		D·0·0·2	0.0.0.8			<u> </u>						
3	of metal parts	0 2	D·0·0·7		1,557	P		50 1	T 0 4				
	Oil contaminated with		F · 0 · 0 · 1	F · 0 · 0 · 2									
4	chlorinated solvents	1 3	D·0·3·9	D·0·4·0	1,469	P		S 0 1	T 5 0				
_	Oil contaminated with		F · 0 · 0 · 2	F · 0 · 0 · 3			1.						
5	chlorinated solvents	1 3	F · 0 · 0 · 5	• • •	1,469	P	•	S 0 1	T 5 0				
6	A. Carrier and A. Car												
_							•	-					
7					-								
_		-	 				•	 					
8			 										
9	ECTION H - COMMENTS												
	Zonow.												

Lines 1, 4, 5 additional final handling codes: TO3

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PARTII

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

R. R. O. 2.6.8

146	TE PLEASE READ INSTRUC	TIONS	AND	EITH	ER F	PRINT	OR	TYPE								
SE	CTION E - REPORT IDENTIFICATI	ON (AS	SHC	NW	ON F	ART	1)						ATOTAL BILLIAN			
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I	N YEAR)	2.	PAGE				NOTE: SUMMARIZE TH	E AM	IOUNT	OF N	NAS	TE	REC	EIV	ED
	9-30 (YEAR) 12-31 (Y		9 OF 17 AND HOW IT WAS HANDLE					LED F	ROM A	INC	IVID	UA	L SC	UR	CE	
	■ 3-31-93 (YEAR) □ 6-30(Y	EAR)	-		ON THIS PAGE. ADDITIONAL PAGE									D T	0	BE
								COMPLETED FOR EACH	INDIV	IDUAL S	SOUF	RCE.				
SE	CTION F - GENERATOR IDENTIFIE	CATIO	N (LIS	T TH	IE SC	DURC	E OF	THE WASTE LISTED ON	THI	S PAG	E)					
	ENERATOR'S NAME	1.71		4. IMP	ORTA	NT: IF	THE W	ASTE IDENTIFIED ON THIS	entherprocessing.	NERATOR	STATE OF THE PERSON	EPAI	.D. N	IUMBI	R	and the
						S BOTH ECK THI		RATED AND MANAGED ON-	١.,		•		_			
	McDonnell Douglas Corpora	tion							M.	0 · D · 9	.8.	5 · /	./	. 1 .	3 · U	./
6. G	ENERATOR'S ADDRESS	CITY					S	TATE ZIP CODE	7. GE	NERATOR	'S MIS	SOUF	II I.D	. NUM	BER	-
					-				1 12				_	- 11		
	4240 Rider Trail, Earth C	ity,	MU 6	304	5					U.	1.2	. 5	0	5		
SE	CTION G - WASTE IDENTIFICATION	ON									468					
(5	UMMARIZE THE AMOUNT OF WASTER	ROM T	HE AB	OVE	LISTE	D GE	NERA	TOR AND HOW IT WAS HA	NDLE	D AT Y	DUR	SITE)			
L	8.	9. DOT			10.			11.,	12.	13.	14.	1	HAND	LING		
	DESCRIPTION	HAZARD		EPA HA				TOTAL AMOUNT	UNIT	SPECIFIC			CO	DE		
E	OF WASTE	CODE	1	WASTE	NUMB	ER		OF WASTE	MEAS.	GRAVITY	IN	TERIM	- 1	F	INAL	
	Debris from aircraft		BC	0 0	F	0 0	2									
1	servicing/painting	1 5	FC	0 :	F	0 0	3	6,210	P		S.	0 .	1	T	5	0
7	Ignitible solvents from		FC	0 0	3 F	0 0	5									
2	painting/metal cleaning	0 8	BC		1 0	0 0	7	880	P		S.	O,	1	T.	5	0
			B (3 !	•											
3					1.		٦					•		•	•	
			•													
4			•				7					•		•	•	
5			•					(orling and	4.9	to i	19					
3								1 Thin	-ina	tant.	1					
6			•													
٦										•						
7					1.	• •	_									
				• •	1.	• •	_			•	_					
8				• •	1.	• •	4									
										•			-	-	ALC: N	
NAME OF TAXABLE	CTION H - COMMENTS															
15.																
	liman 1 and 2 additional	£:1	line				. т	·02								
	Lines 1 and 2 additional	IIIIdi	liai	10111	ig c	oue.	. 1	03								



HAZARDOUS WASTE PROGRAM P.O. BOX 176

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R.R.O.2.6.8

S	ECTION E - REPORT IDENTIFICAT	ON (AS	SHOW	N ON PART I)					1.77					
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL		2. PA	PAGE NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED										
56	9-30- (YEAR) 12-31- (Y	EAR)	11	OF 17 AND HOW IT WAS HANDLED FROM AN INDIVIDUA										
	✓ 3-31- 93 (YEAR) ☐ 6-30(Y	EAR)		OF	ON THIS PAGE. ADD				D TO BE					
					COMPLETED FOR EACH									
	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST	THE SOURCE	OF THE WASTE LISTED O	N THI	S PAG	E)						
3. (3. GENERATOR'S NAME 4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-													
M	McDonnell Douglas Corporation SITE-CHECK THIS BOX MANAGED ON M.O.D. O.													
6. (S. GEREIA ON S. MISSOUNI D. ROMBER													
A	Airport Rd. & McDonnell Blvd., St. Louis, MO 63134													
	Attpore Na. a ricbonnett biva., Sc. Louis, no ostor													
	SECTION G - WASTE IDENTIFICATION (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)													
L	8.	9.	HE ABU	10.	II.	12.	13.	14						
i	DESCRIPTION	DOT	EDA	HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	HAM	DLING IDE					
N	OF WASTE	HAZARD		STE NUMBER	OF WASTE	OF MEAS.	GRAVITY	-						
E		CODE				MEAS.		INTERIM	FINAL					
1	Acid from chemical			.5 0.0.0.2		_								
_	conversion coating	0.2	D. 0.0	.7	519	Р	•	S 0 1	T 0 4					
2	Acid from stainless			.5 0.0.0.2		_								
L	steel pickling/plating	0 2	D.0.0		519	P	•	S O I	T 0 4					
3	Alkaline from chrome		-	·2 D·0·0·7										
Ľ	plating	0 2	D.0.0		495	P	•	S 0 1	T 0 4					
4	Water-emulsified		D·0·9											
Ľ	cutting oil				880	Р	•	S 0 1	T 0 4					
5	Chlorinated solvent		F · 0 · 0				. 1	('()+ ₁						
	from degreasing	1 3			583	Р	•	S 0 1	T 54					
6	Chlorinated solvent from		F · 0 · 0											
_	painting/paint removal	1 3	D·0·4		3,498	P	•	S 0 1	T 5 0					
7	Ignitible solvents from		_	·3 F·0·0·5										
Ŀ	painting/metal cleaning	0 8	D · 0 · 0		440	P	•	S 0 1	T 5 0					
8			D.0.3											
							*•							
Name and	ECTION H - COMMENTS													
15.														
	Line 4: Additional final	handl	ing c	ode: T50										
	Lines 6,7 additional final	hand	lling	code: T03										
		tion,	, neut	ralization,	, filtration, coagula	tior	ı, fix	ation,						
	and discharge to POTW.													



HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

■ M. O. D. O. O. O. 8.1.8.9.6.3

FACILITY'S MISSOURI

R R . R . O . 2 . 6 . 8

NOTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE														
SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)														
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2. PAGE	NOTE: SUMMARIZE TH	E AM	OUNT	OF WASTE	RECEIVED						
	9-30 (YEAR) 12-31 (Y	EAR)	12 of 17	AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOU										
	☑ 3-31- 93 (YEAR) □ 6-30 (Y	EAR)	OF 1	ON THIS PAGE. ADD				D TO BE						
	COMPLETED FOR EACH INDIVIDUAL SOURCE.													
SE	SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)													
3. G	ENERATOR'S NAME			HE WASTE IDENTIFIED ON THIS	5. GE	NERATOR	'S U.S.EPA I.D.	NUMBER						
			SITE - CHECK THIS											
	McDonnell Douglas Corpora	tion			W.C	O. O. C.	0081	8 9 0 6						
6. G	ENERATOR'S ADDRESS	CITY		STATE ZIP CODE	7. GE	NERATOR	S MISSOURI I.	D. NUMBER						
							0 1 0 4							
	Airport Rd. & McDonnell B	lvd.,	St. Louis, MO 63	3134		U.	0.1.2.4	.8						
	SECTION G - WASTE IDENTIFICATION													
IS	UMMARIZE THE AMOUNT OF WASTE	FROM T	the second secon	ERATOR AND HOW IT WAS HA	NDLE	D AT Y								
L	8.	9. DOT	10.	11.	12. UNIT	13.	14. HAM	DLING						
N	DESCRIPTION	HAZARD	EPA HAZARDOUS	TOTAL AMOUNT	OF	SPECIFIC								
E	OF WASTE	3000	WASTE NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL						
	Ignitible/chlorinated		F· 0· 0· 2 F· 0· 0· 3											
1	solvents	0 8	F· 0· 0· 5 D· 0· 0· 1	1,023	P		5 0 1	T 5 0						
			D· 0· 0· 7 D· 0· 0· 8											
2			D· 0·3·5 D· 0·4·0	1										
	Oil contaminated with		F·0·0·2 F·0·0·3											
3	chlorinated solvents	1 3	F·0·0·5	8,323	P		S 0 1	T 5 0						
	Oil contaminated with		F·0·0·1 F·0·0·2											
4	chlorinated solvents	1 3	D·0·3·9 D·0·4·0	4,895	P		5 0 1	T 5 0						
5	Acid sludge from		0.0.0.5											
2	various process tanks	0.2		892	P		5 0 1	T 0 4						
6	Stripping/cleaning bath	1	0.0.0.3 0.0.0.4											
0	from electroplating	1 8		242	P		5 0 1	T 0 4						
-			D·0·0·2 · · ·											
	Fluoroboric acid	0 2		2,358	P		5 0 1	T 0 4						
	PCB-contaminated													
8	ballasts	1 5		1,100	P		S 0 1	T 0 3						
SI	ECTION H - COMMENTS													

Lines 1,3,4 additional final handling code: TO3

TO4: Precipitation, reduction, neutralization, filtration, coagulation, oxidation, fixation, and discharge to POTW - Line 6

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW - Lines 5 and 7



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT
PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.18963

FACILITY'S MISSOURI

R. R. O. 2.6.8

0.50	NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE													
S	ECTION E - REPORT IDENTIFICATI	ON (AS	SHOWN	ON PART I)										
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL I	N YEAR)	2. PAGE		NOTE: SUMMARIZE TH	E AM	OUNT	OF V	VASTE	RECE	EIVED			
	9-30(YEAR) 12-31(Y	EAR)	13	OF 17	AND HOW IT WAS HAND									
	₹ 3-3193 (YEAR) □ 6-30(Y	Maria Caracana Caraca		OF	ON THIS PAGE. ADD					D TO	D BE			
					COMPLETED FOR EACH				CE.					
S	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	IE SOURCE	OF THE WASTE LISTED OF	HT N	SPAG	E)						
3. (GENERATOR'S NAME				E WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. GE	NERATOR	rs U.S.	EPA I.D.	NUMBER	R			
				E - CHECK THIS					0 1	0 0	0 6			
	McDonnell Douglas Corporat	ion				M O	D 0	บบ	8 1	8 9	U O			
6. (GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATOR	SIM S	SOURI I.I	D. NUME	BER			
	Airport Rd. & McDonnell Bl	vd	St Louis	C MU 63	124		ο.	0.1	. 2 . 4	. 0				
			Ju. Loui	15, MU 03	134		0.	0. 1	. 2.4	.0				
	ECTION G - WASTE IDENTIFICATION													
	UMMARIZE THE AMOUNT OF WASTE	_				A PERSONAL PROPERTY OF			SITE)					
L	8.	9. DOT	1	0.	11.	12. UNIT	13.	14.		DLING				
N	DESCRIPTION OF WASTE	HAZARD		ZARDOUS NUMBER	TOTAL AMOUNT OF WASTE	OF	SPECIFIC		03	90€				
Ε	OF WASIE	CODE	WASIE	NUMBER	OF WASIE	MEAS.	GRAVITY	INT	ERIM	FIR	VAL			
	Waste nickel solution													
'	non regulated				2,357	P		S	0 1	T.	0 4			
2														
~									•	L.				
3														
3								Ŀ						
4														
							•							
5														
3														
6														
0							•							
7										١.				
Ľ														
8														
							•							
S	ECTION H - COMMENTS													
1000	ECTION II - COMMENTS													
15.														

TO4: Precipitation, reduction, neutralization, filtration, coagulation, oxidation, fixation, and discharge to POTW.



NOTE >

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M O D O O O O B 1 B 9 6 3

FACILITY'S MISSOURI I.D. NUMBER

R.R.O.2.6.8

S	ECTION E - REPORT IDENTIFICAT	IUN (A	PHOMIA	ON PART I)											
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	IN YEAR)	2. PAGE		NOTE: SUMMARIZE TH	HE AM	OUNT	OF WASTE	RECEIVED						
	9-30 (YEAR)	EAR)	14	OF 17	AND HOW IT WAS HAND	LED F	ROM A	NINDIVIDUA	AL SOURCE						
	Ø 3-31-93 (YEAR) □ 6-30(Y	EAR)	1-4	ON THIS PAGE. ADDITIONAL PAGES NEE											
					COMPLETED FOR EACH	INDIV	IDUAL S	SOURCE.							
SI	SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)														
3. (GENERATOR'S NAME 4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS 5. GENERATOR'S U.S.EPA I.D. NUMBER														
	PAGE WAS BOTH GENERATED AND MANAGED ON-														
1	McDonnell Douglas Corporation X M · 0 · 0 · 0 · 0 · 8 · 1 · 8 · 9 · 6 · 3														
6. GENERATOR'S ADDRESS CITY STATE ZIP CODE 7. GENERATOR'S MISSOURI I.D. NUMBER															
	Lindbergh & McDonnell Blvd., Hazelwood, MO 63042														
S	ECTION G - WASTE IDENTIFICATION	NC													
	UMMARIZE THE AMOUNT OF WASTE		HE ABOVE	LISTED GENE	ERATOR AND HOW IT WAS HA	ANDLE	D AT Y	OUR SITE)							
L	8.	9.		10.	11.	12.	13.	14. HAND	DLING						
1	DESCRIPTION	DOT	EPA HA	ZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	0.000.000	DOE						
N E	OF WASTE	OF WASTE CODE		NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL						
	Chlorinated solvent		F· 0· 0· 1	T		_									
1				1	18,540	P		S 0 1	T 5 4						
_	from degreasing Oil contaminated with		F · 0 · 0 · 1	F-0-0-2	20,010	· -	•	3 0 1	1 3 4						
2	chlorinated solvent	1 3		D· 0· 4·0	68,397	P		S 0 1	T 5 0						
_		-		F-0-0-5	00,037	·	•	3 0 1	1 30						
3	Ignitible solvents from painting/metal cleaning	8 0		D· 0· 0· 7	50,456	P	:	S 0 1	T 5 0						
_	paritoring/medar orealiting	100	0.0.3.2		30,430	-	•	3 0 1	1 30						
4			111111111111111111111111111111111111111	+											
_	Chlorinated solvent from	-	F: 0: 0: 1	F. 0.0.2	4 -	_	•								
5		1 3	D. 0.4.0		1.605	P	:	S 0 1	T 5 0						
_	painting/paint removal Alkaline cleaning	13	D. 0.0.2		1,685	P	-	3 0 1	1 30						
6	solution	0 2		+	477	Р		S 0 1	T 0 4						
_	301401011	0 2	D· 0· 0· 2	1	7//	-	•	3 0 1	1 0 4						
7	Caustic soda beads	0 2		+	400	P		S 0 1	T 0 4						
H		0 2		1	400	F	•	3 0 1	1 0 4						
8	Potassium dichromate		D. O. O. 1	 		_			T 0 3						
	filters - dry ECTION H - COMMENTS	1 6			350	P	•	5 0 1	1 0 3						
paragra						19 (Vis. 14)	12 14 15 16								
15.	Lines 2, 3, 5 additional	Final	handlin	a codo.	T03										
1	Lines Ly Jy J addictional	ilial	manu i in	u coue.	103										

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



NOTE >

HAZARDOUS WASTE PROGRAM P.O. BOX 176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES | BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M· O· D· O· O· O· 8· 1· 8· 9· 6· 3

FACILITY'S MISSOURI

R · R · 0 · 2 · 6 · 8

CHONE - REPORT IDENTIFICAT	ION (A	S SHOWN ON	FARIUM					
1. FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2. PAGE		NOTE: SUMMARIZE TH	E AM	OUNT	OF WASTE	RECEIVED
9-30(YEAR) 12-31(Y	EAR)	15.05	17					
₩ 3-31-93_(YEAR)	EAR)	UF	<u></u>	CONTRACT CON				D TO BE
				COMPLETED FOR EACH	INDIV	IDUAL S	SOURCE.	
CTION F - GENERATOR IDENTIFI	CATIO	N (LIST THE	SOURCE	OF THE WASTE LISTED O	N THI	SPAG	E)	
ENERATOR'S NAME					5. GE	NERATOR	S'S U.S.EPA I.D.	NUMBER
				04 1			0 0 0 1	0000
McDonnell Douglas Corpora	tion			X	M ·C	ט ט ט	0 0 8 1	8963
ENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATOR	R'S MISSOURI I.). NUMBER
						0	0 1 0 0	1
Lindbergh & McDonnell Blv	1., Ha	izelwood, i	MU 63047	2		Ű.	0.1.0.0	. 1
CTION G - WASTE IDENTIFICATION	ON							
UMMARIZE THE AMOUNT OF WASTE	ROM T	HE ABOVE LIST	TED GENE	RATOR AND HOW IT WAS HA	NDLE	DATY	OUR SITE)	
8.	9.	10.		11.	12.	13.	14. HAND	DLING
DESCRIPTION	1			TOTAL AMOUNT		SPECIFIC	CO	30
OF WASTE	CODE	WASTE NUM	MBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL
Waste chem mill mask								
naste onem met e maen				350	Р		S 0 1	T 0 4
Alkaline from derusting		D. 0.0.2						
	0 2			8,109	P		S 0 1	T 0 4
		D. 0.0.2 D	.0.0.7					
	0 2	D· 0· 1·0		5,247	P		501	T 0 4
Solution from		D. 0.0.2 D	0.0.7					
	0 2	F· 0· 0· 2		1,299	Р	•	S 0 1	T 0 4
		D· 0· 02			113	Lin	à .	
	0 2			1,908	P	•	S 0 1	T 0 4
Mold material from		D. 0.0.2						
die-casting metals	02			6,678	Р		S 0 1	T 0 4
		D. 0. 0. 2 D	. 007 ·					
	0 2			954	P		S 0 1	T 0 4
	0 2			3,568	P		S 0 1	T O 4
					7.5			
					and the same of			
	□ 9-30- (YEAR) □ 12-31- (YEAR) □ 6-30- (YEAR) □ 6-	CTION F - GENERATOR IDENTIFICATION ENERATOR'S NAME McDonnell Douglas Corporation ENERATOR'S ADDRESS CITY Lindbergh & McDonnell Blvd., Ha CTION G - WASTE IDENTIFICATION UMMARIZE THE AMOUNT OF WASTE FROM TO S. DESCRIPTION OF WASTE Waste chem mill mask Alkaline from derusting of metal parts Acid from metal surface passivate Solution from coating removal Acid from plating/ hard coating Mold material from die-casting metals Alkaline from chrome plating Alkaline sludge from various process tanks 0 2	9-30(YEAR)	9-30	□ 9-30- (YEAR) □ 12-31- (YEAR) □ 6-30- (YEAR) □ 6-30- (YEAR) □ 15 of □ 17 AND HOW IT WAS HAND ON THIS PAGE. ADD COMPLETED FOR EACH CETION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON SITE - CHECK THIS BOX X X X ENERATOR'S ADDRESS CITY STATE ZIP CODE Lindbergh & McDonnell Blvd., Hazelwood, M0 63042 COTION G - WASTE IDENTIFICATION UMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HAVE CODE WASTE UMBER CODE WASTE NUMBER UNDER WASTE NUMBER STATE SIDE OF WASTE UMBER UNDER WASTE NUMBER UNDER WASTE NUMBER UNDER UNDER WASTE UNDER	9-30- (YEAR) 12-31- (YEAR) 15 of 17	9-30- (YEAR) 12-31- (YEAR) 15 of 7	□ 9-30- (YEAR) □ 12-31- (YEAR) □ 12-31- (YEAR) □ 3-31-93- (YEAR) □ 6-30- (YEAR) □ 15 of 17 AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE. COMPLETED FOR EACH INDIVIDUAL SOURCE. COMPLETE FOR EACH INDIVIDUAL SOURCE. COMPLETE FOR EACH INDIVIDUAL SOURCE. COMPLETE LISTED ON THIS PAGE. AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE. COMPLETE LISTED ON THIS PAGE. AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE. COMPLETE LISTED ON THIS PAGE. AND HOW THIS PAGE. AND HOW THE ABOUT EACH INDIVIDUAL SOURCE. COMPLETE LISTED ON THIS PAGE. COMPLETE LISTED ON THIS PAGE.

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



NOTE >

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R .R .O .2 .6 .8

SI	ECTION E - REPORT IDENTIFICAT	ION (AS	S SHOWN (ON PART I)							
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL 9-30 (YEAR)	EAR)	2. PAGE 16	of <u>17</u>	NOTE: SUMMARIZE THE AND HOW IT WAS HAND ON THIS PAGE. ADD COMPLETED FOR EACH	LED F	ROM A	N INDIVID	JAL S	SOU	RCE
SI	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	E SOURCE	OF THE WASTE LISTED O	N TH	IS PAG	E)			
3. (GENERATOR'S NAME				E WASTE IDENTIFIED ON THIS	5. GI	ENERATOR	R'S U.S.EPA I.I	D. NUM	BER	
	McDonnell Douglas Corpora	tion		- CHECK THIS		M .	0. D. 0	. 8. 0. 0.	1 ,8	9.	6 ,3
6. 0	SENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GI	ENERATOR	R'S MISSOURI	I.D. NU	JMBE	R
	Lindbergh & McDonnell Blv	d., H	azelwood	, MO 6304	12		0	0.1.0.	0.1		
	ECTION G - WASTE IDENTIFICATION UMMARIZE THE AMOUNT OF WASTE I		_			ANDLE	D AT Y	OUR SITE)			
L	8.	9. DOT		0.	11.	12. UNIT	13.	14. HA	NDLING	i	
N	DESCRIPTION	HAZARD		ARDOUS	TOTAL AMOUNT	OF	SPECIFIC		CODE		
E	OF WASTE	CODE	WASTE	NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM		FINA	L
	Acid sludge from		D- 0- 0- 2						1		
1	various process tanks	0 2			4,460	P		5 0 1	T	.0	4
2	Ignitible/chlorinated		F. 0. 0. 2	F. 0. 0. 3							
2	solvents	8 0	F. 0. 0. 5	D- 0-0-1	986	P		S'0 1	T	. 5	.0
2			D 0.0.7						T		
3		•	D 0. 3. 5	D 0 40						•	•
4	Flammable laboratory		D 0 01						T		
4	chemicals	8 0			13,568	P		5 0 1	T	.0	• 3
5	Wastewater pretreatment		D 0. 0. 1	D- 0- 0- 7					T		
2	sludge contaminated with	1 5	D 0.0.8	F. 0. 0. 6	13,865	P		5'0 1	T	. 0	· 3
	JP-5	٦.	F. 0. 1.9								
6										•	•
7			D 0. 0. 1						T		
7	Waste resin solution	8 0			539	P	•	5'0 1	T	3	3
8			D 0. 0. 1		30						
0	Waste adhesive solution	8 0			544	P	•	S'0 1	T	0	3
CI	ECTION H. COMMENTS							M. F. WEST			Mary 1

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

Line 2 additional final handling code: TO3



NOTE >

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R.R.O.2.6.8

SI	ECTION E - REPORT IDENTIFICAT	ON (A	s shown on	PART I)								
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL II 9-30- (YEAR) 12-31- (YEAR) 6-30- (YEAR)	EAR)	2. PAGEOF .	17_	NOTE: SUM AND HOW IT ON THIS P COMPLETED	WAS HAND AGE. ADD	LEDF	ROM AN	NIND	VIDUA	L SO	JRCE
SI	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST THE S	SOURCE	OF THE WASTE	LISTED O	N THI	S PAG	E)		y y	
	GENERATOR'S NAME McDonnell Douglas Corporat		PAGE W			× X	M.	O.D.O	.0.0	.8.1	.8.9	6.3
	GENERATOR'S ADDRESS Lindbergh & McDonnell Blvd ECTION G - WASTEIDENTIFICATION		zelwood, M	0 63042		CODE	7. GE	O.		- O- O	200	ER
	UMMARIZE THE AMOUNT OF WASTE		HE ABOVE LIST	ED GENE	NOH DNA ROTAR	IT WAS HA	NDLE	D AT Y	OUR S	SITE)		
LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARO CODE	10. EPA HAZARI WASTE NUN		TOTAL AMOU OF WAST	10000	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. INT		OLING IDE	IAL
1	Water-emulsified cutting oil				1,2	72	Р		s.	0 1	Τ.	0 4
2	Industrial wastewater pretreatment sludge	1 5	D· 0·0·3	0 · 1 · 9	735,7	50	P		s ·	0 2	T.	0 4
3	Acid from oxide removal on metal surfaces	0 2	D· 0·0·2 D·	0.0.7	1,4	99	Р		s o	i	T 0	<u>.</u>
4					-			·				•
5												•
6	,				-			·				•
7								·				
8										•		•
SI	ECTION H - COMMENTS											
15.	TO4: Precipitation, reduc	tion	neutraliz	ation	filtration	coagula	tion	fiv	ati	on.		

Line 1: additional final handling code: T50

and discharge to POTW.

EMERGENCY RESPONSE U.S. COAST GUARD 1-800-424-8802 CHEM TREC 1-800-424-9300 DEPT. OF NATURAL RESOURCE 314-634-2436

PART 1 GENERATOR FINAL COPY

THIS CODY MIIST BE RETAINED BY THE GENERATOR AFTER ITS RETURN FROM

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET.

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

P.O. Box 176 Jefferson City, Missouri 65102 314-751-3176 HAZARDOUS WASTE MANIFEST

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality

Hazardous Waste Program

Plea	se print or type (Form designed for use on elite (12-pitch					Form Approved C	MB No 2	2050-0039, Expires 9-30-94
1	UNIFORM HAZARDOUS	1. Generator's US EPA ID No.	Doc	Manifest cument No.	2. Page	Inform	ation in	the shaded areas
	WASTE MANIFEST	and to the time			of _	is requ	ired by	State law.
	3. Generator's Name and Mailing Address	ccion, Mailcode c	/343530		0 µ в. с.s.	ouri Manifest Docum 2 4 8 1 1 I. (Gen. Site Address)	0733
						ne 0012	21 A	
	5. Transporter 1 Company Name	6. US EPA	D Number		C. MO.	Trans. ID	1039	13-501
	McDonnell Douglas Corporat	tion dutini	0.10.10.13.11.18	1911.13	D. Tran	sporter's Phone	314-	232-9327
	7. Transporter 2 Company Name	8. US EPA	D Number		E. MO.	Trans. ID		Y. 37
	None	1, ,		1 1 1	F. Trans	sporter's Phone		
	9. Designated Facility Name and Site Address	10. US EPA	ID Number		G. State	Facility's ID		A transfer to the same
	H-Donnell bouglas Corpora Lindbergh à McDonnell Blvd	is., Hazelwood, i	าง จริงสุรั เขาขายาธาราส	.00	H. Facil	000318963 ity's Phone		
	11. US DOT Description (Including Proper Shipping Name			12. Contain		13.	14.	SALVINO TOWN
	A A X X & K X X X X X X X X X X X X X X X X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	aineilbenen.		Туре	Total Quantity	Unit Wt/Vol.	
G	* RQ Masce URM-A, N.U.S. (CC URM-A NA1693 (FUUI/FUUI		ed Sulvents		וון ע	0,0,2,2,0	û	F 10 10 11 STATE
EZE	Mx RQ waste Inichloroethy	dene :						EPA WASTE CODE
RAT	URN-A UN1710 (FUU1)			<u>āru</u>	A 186	016161616	12	STATE JONE
OR					,	v.		STATE
1	d. *						╁	EPA WASTE CODE
	J. Additional Descriptions for Materials Listed Above		in in the second kind	HANDLING COL	DE (FACILIT	Y USE ONLY)		STATE.
	. also F002/D040 _ S.G. 1.2. S.G. 1.2 _ MO 10 041 2		a. b.	510 510	作。 作。	T1514		
	d	は三次の計画を主体的な						
	"If unable e to deliver to Emergency Contact: 314-2	oesignated TSD f	acility, re	turn to	gen	erator."		,
	16. GENERATOR'S CERTIFICATION: I hereby declare that and labeled, and are in all respects in proper condition for if I am a large quantity generator, I certify that I have and that I have selected the practicable method of treat OR, if I am a small quantity generator, I have made a good	the contents of this consignment of transport by highway according to a program in place to reduce the w ment, storage, or disposal currently faith effort to minimize my waste ge	pplicable international and olume and toxicity of was a available to me which in ineration and select the best	I national gove te generated ninimizes the	to the de present a	egulations and applica gree I have determine and future threat to h	able state ned to be uman her	regulations. economically practicable alth and the environment;
	A. ODELL MECOLLOY	1 - 0	nature . Odell M	15 0	llo	righ		Month Day Year 0 1 2 0 9 3
T	17. Transporter 1 Acknowledgement of Receipt of Materials	-				1.		Date
A	Printed/Typed Name		nature	15	- 1	3.1	.1	Month Day Year
S	DON W. NO	cciFF	Nion	W		atte	/	10120193
0	18. Transporter 2 Acknowledgement of Receipt of Materials				1	1	-	Date
H	Printed/Typed Name	Sig	nature					Month Day Year
TRANSPORTER								
FACIL	19. Discrepancy Indication Space						on-ensortingecoe	
T	20. Designated Facility Owner or Operator: Certification of	receipt of hazardous materials cover	ered by this manifest exce	pt as noted in	Item 19.			Date
Y	Printed/Typed Name	Sig	nature	17		/		Month Day Year
	GARY BUFORD		Hary 1	She	0/0	· .		19/12093
rΑ	Form 8700-22 (Rav. 8-91) MDNR-HWG 10		/			×		

Generato	or EPA ID: MODOU0818906	EPA Waste ID: F00/F002/D040
Manifest	t No.: 01448-0783	Facility Wastestream No.: 041
This for	rm is submitted in compliance with 40	CFR 269.
I. WAST	E IDENTIFICATION	
Iden	tify all U.S. EPA hazardous waste number(s), subcategory(ies) and treatability
group	p(s) applicable to this waste shipment.	
A. D		1
	lgnitable Liquids:a) NWW ¹ TOC ≥10%	
	2) Ignitable Compressed Gases;3)	
	002:1) Acids;2) Alkaline;3	
C. DO	003:1) Reactive Cyanides;2) Rea	
	4) Water Reactives;5) Other	
	D009:K106:U151:1) Low M	
	025:1) Light Ends;2) Spent Filt	ers/Aids & Desiccants
	O61:1) Low Zinc;2) High Zinc	CURCATECORIES (IE ADDITIONE)
	LL OTHER U.S. EPA HAZARDOUS WASTE NUMBERS	•
_(FOOI/FOOX/ DOYD	
-		
H. Tr	reatability Group (if not previously indi-	cated):
	Wastewater;Non-Wastewater; List	
	DISPOSAL RESTRICTIONS	63.1/2.11/3.22
1_A.	Restricted wastes with EPA hazardous was	onstituent concentrations in waste extract
		onstituent concentrations in waste extract
	(CCWE) per 40 CFR 268.41.	and the second s
в.	Restricted wastes with EPA hazardous was	
	have treatment standards expressed as co	enstituent concentrations in waste (CCW)
C	per 40 CFK 268.43. Restricted wastes with EPA hazardous was	re number(s)
	have treatment standards expressed as a	
	List the applicable five-letter treatmen	
	INCIN:DEACT:STABL: Other	
D.	Wastes with EPA hazardous waste number(s) having a
		and are contaminated scil and debris, are
		tion until
E.	Wastes with EPA hazardous waste number(s) subject
	to other variance, extention or exemption	ns: Specify
	•	-
	¹ Non-Wastewater; ² Wastewater	

Generator EPA ID: MOS SOS 81 P906	EPA Waste ID: FOO!					
Manifest No.: 01248-0783	Facility Wastestream No.: 041					
This form is submitted in compliance with						
	oer(s), subcategory(ies) and treatability 10%;b) NWW ¹ 1% to <10% TOC;c) WW ² 3) Ignitable Reactives;4) Oxidizers 3) Other Corrosives Reactive Sulfides;3) Explosives; ther Reactives www.Mercury;2) High Mercury Silters/Aids & Desiccants					
H. Treatability Group (if not previously i						
II. LAND DISPOSAL RESTRICTIONS						
A. Restricted wastes with EPA hazardous	waste number(s) F00/					
	s constituent concentrations in waste extract					
(CCWE) per 40 CFR 268.41.						
B. Restricted wastes with EPA hazardous						
per 40 CFK 268.43.	s constituent concentrations in waste (CCW)					
C. Restricted wastes with EPA hazardous	waste number(s)					
	s a specific technology per 40 CFR 268.42.					
List the applicable five-letter trea						
INCIN:DEACT:STABL:	Other					
D. Wastes with EPA hazardous waste numb	er(s) having a					
not subject to the land discoul and	tion and are contaminated scil and debris, are					
E. Wastes with FPA hazardous waste numb	nibition until					
to other variance, extention or even	er(s) subject ctions: Specify					
extended of exemption of exemption	· · · · · · · · · · · · · · · · · · ·					
¹ Non-Wastewater; ² Wastewater						

Generator	r EPA ID: MODUU0818906	EPA Waste ID: F00/F002/D040
Manifest	No.: 0648-0783	Facility Wastestream No.: 041
	n is submitted in compliance with 40	
I. WASTE	IDENTIFICATION ify all U.S. EPA hazardous waste number(s	
A. DO	(s) applicable to this waste shipment.	
1)]	Ignitable Liquids:a) NWW ¹ TOC ≥10% 2) Ignitable Compressed Gases;3)	Ignitable Reactives;4) Oxidizers
	02:1) Acids;2) Alkaline;3 03:1) Reactive Cyanides;2) Reac	
	4) Water Reactives;5) Other	
D		
E. F02	25:1) Light Ends;2) Spent Filte	ers/Aids & Desiccants
	51:1) Low Zinc;2) High Zinc	*
	OTHER U.S. EPA HAZARDOUS WASTE NUMBERS	
	-001/FOOL/DOYD	
	eatability Group (if not previously indicated wastewater; Non-Wastewater; List	
TT TAND	DICTOCAL DEGENERACION	
IA.	Restricted wastes with EPA hazardous was	te number(s) FOOI/FOUL/DOYO
	nave treatment standards expressed as co (CCWE) per 40 CFR 268.41.	enstituent concentrations in waste extract
	Restricted wastes with EPA hazardous was	te number(s)
	have treatment standards expressed as co	
	per 40 CFR 268.43.	
	Restricted wastes with EPA hazardous was	
	have treatment standards expressed as a	
	List the applicable five-letter treatmen	
D .	INCIN:DEACT:STABL: Other	r
) having a
,	not subject to the land diagonal probability	and are contaminated scil and debris, are
E. V	Wastes with FPA hazardous waste numberle	tion until
	to other variance, extention or exemption	subject subject
`	extention of exemption	is. specify
1	Non-Wastewater; ² Wastewater	
	Wastewater; Wastewater	

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102 314-751-3176

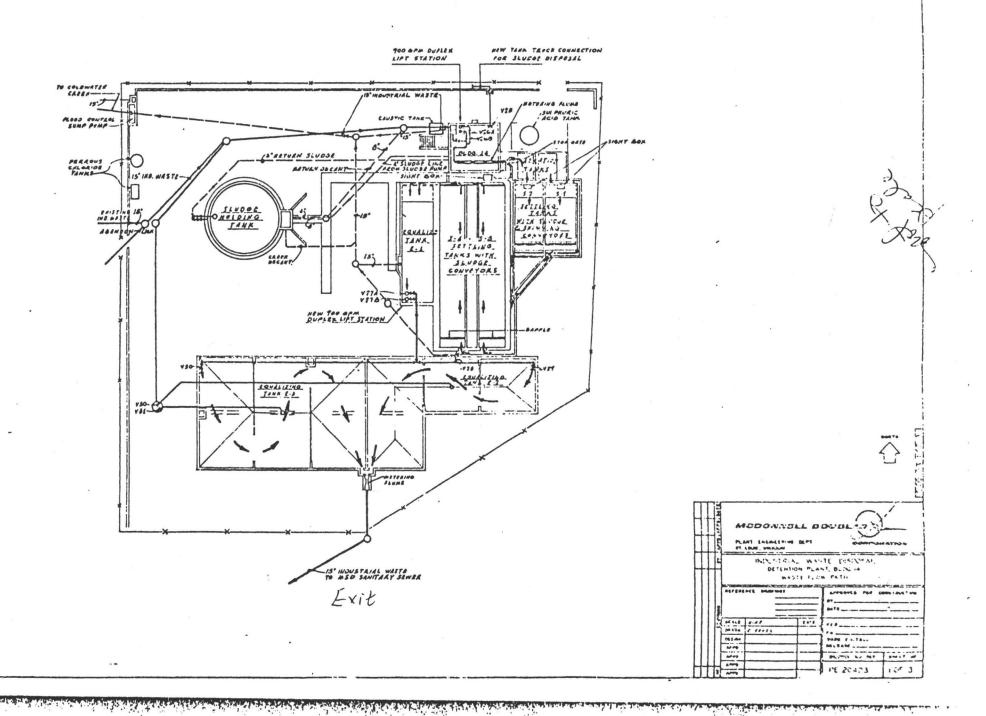
EMERGENCY RESPONSE US COAST GUARD 1-800-424-6892 CHEM TREC 1-800-424-9300 DEPT OF NATURAL RESOURCES 314-634-2436

HAZARDOUS WASTE MANIFEST

rleas	e print or type (Form designed for use on elite (12-pitch) typewriter.)						2050-0039, Expires 9-30-91		
11	UNIFORM HAZARDOUS 1. Generator's US EPA ID No	Doc	Manifest sument No.	2. Page	,		the shaded areas		
11	WASTE MANIFEST M (0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0	of is required by State law.							
		0343630		A Missouri Manifest Document Number 0 0 1, 2, 4, 9 0 0 0 4 8					
	McDonnell Douglas Corporation, Mail Code	12							
	6951 North Hanley Rd., Hazeleood, MU 6304 4. Generator's Phone (314) 232-3319	14		B. G.S.I. (Gen. Site Address)					
11		PA ID Number		C. MO. Trans. IDH—1039					
			063		sporter's Phone 31				
11		D 0 0 0 8 1 3	19 19 19		Trans. ID	1-23	the state of the s		
11		PA ID Number				2000 to 1	13-501		
11	NONE 9. Designated Facility Name and Site Address 10. US	EPA ID Number			sporter's Phone				
П		EPA ID Number			268 MODOO				
П	McDonnell Douglas Corporation			A	lity's Phone	Fac. 11.2	303 ₂		
	Lindbergh & McDonnell Blvd.	0000019	0.6.2						
11	Hazelwood, MU 63042 MIO	0,0,0,0,1,8	12. Contain				I A STATE OF THE S		
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Numb	er)	Number	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.		
	RQ Hazardous waste, solid, N.O.S.						EPA WASTE CODE		
	(contains paint-related material)					1	0 0 0 .		
G	ODM_E_NAG18G (DOCT/FCG2/FGG3/FCG5)		DOZ	CM	00004	1	Nôffe		
EN	OIL CONTAMINATED WITH CHLORINATED SOLVE	. 275)				6.	EPA WASTE CODE		
	COIL CONTAMINATED WITH CITCORING SOLVE	"			سوسع	B	STATE.		
RA	ORM-A NA1693 (FOOI) FOOZ/DO39/D	040)	201	DM	00000	700	NONE		
T	c.						EPA WASTE CODE		
OR					,		STATE		
1	•				111				
	d.						EPA WASTE CODE		
							STATE		
11			11						
	J. Additional Descriptions for Materials Listed Above	K.	HANDLING COD		TY USE ONLY)		COMMENTS		
11	*also F002/F003/F005 MO ID 038 5.6. 0.1	25	50	1 2 -	T1510		COMMENTS		
1	6. ALSO FOOLY DO39/DO40 5.6. 0.8		510	10	TI5P	Fig.	Mark the last		
	· Notice Carrier with the contract of the cont	C.	3.5						
	d.	d.	THE STATE OF THE S						
11	15. Special Handling Instructions and Additional Information								
	"If inable to deliver to designated TSD	facility, retu	rn to	gene	rator."				
Ш	Emergency contact: 314-232-2285								
11	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignm	ent are fully and accurately d	lescribed abov	e by pro	pper shipping name a	nd are c			
	and labeled, and are in all respects in proper condition for transport by highway according								
П	If I am a large quantity generator, I certify that I have a program in place to reduce t and that I have selected the practicable method of treatment, storage, or disposal curr	rently available to me which m	ninimizes the	present a	and future threat to h	uman he	alth and the environment;		
П	OR, if I am a small quantity generator, I have made a good faith effort to minimize my wast		st waste manage	ement m	nethod available to me	that I ca	n afford.		
11	Printed/Typed Name (FARY BUFORD)	Signature Ham	Swlote	1		.3	regulations. e economically practicable alth and the environment; n afford. Month Day Year		
-		1	1010			1			
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature				k L	Date / Month Day Year		
22	Richard Gines	Signature	N			٠ ا	107 107 P3		
P	140111 21 2 0930	Mice !	yeiz.	7_					
R	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Year		
E	, minute, specification	Signature					I I I		
п	40 Pierra - Lafa-ti O	<u> </u>							
F	19. Discrepancy Indication Space								
A									
AC									
A	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials	covered by this manifest exce	ept as noted in	Item 19					
ACILI	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials	covered by this manifest exce	ept as noted in	Item 19			Date		
ACIL	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials Printed/Typed Name ARY BARORD	covered by this manifest exce	0	Item 19			Date Month Day Year		

Generator EPA 10:11 10,000818955	EPA Waste ID: 000 1-1000-1003-100
Manifest No.:001249-0048	Facility Wastestream No.: 👌 🄏
This form is submitted in compliance with	40 CFR 269.
2) Ignitable Compressed Gases; 3 B. D002: 1) Acids; 2) Alkaline; C. D003: 1) Reactive Cyanides; 2) R 4) Water Reactives; 5) Oth D. D009: K106: U151: 1) Low E. F025: 1) Light Ends; 2) Spent Fi F. K061: 1) Low Zinc; 2) High Zinc G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMBE	0%;b) NWW ¹ 1% to <10% TOC;c) WW ²) Ignitable Reactives;4) Oxidizers _3) Other Corrosives eactive Sulfides;3) Explosives; er Reactives Mercury;2) High Mercury lters/Aids & Desiccants RS SUBCATEGORIES (IF APPLICABLE)
H. Treatability Group (if not previously in Wastewater; Non-Wastewater; Li II. LAND DISPOSAL RESTRICTIONS A. Restricted wastes with EPA hazardous	dicated): st any others
(CCWE) per 40 CFR 268.41. B. Restricted wastes with EPA hazardous whave treatment standards expressed as per 40 CFR 268.43. C. Restricted wastes with EPA hazardous	constituent concentrations in waste (CCW)
List the applicable five-letter treatment INCIN:DEACT:STABL: OnD. Wastes with EPA hazardous waste number treatment standard based on incineration not subject to the land disposal prohimuleE. Wastes with EPA hazardous waste number	ther having a lon and are contaminated scil and debris, are bition until
1 Non-Wastewater; 2 Wastewater	ions: Specify

Waste Water Preticitment Plant.



:27.080 medonnell Douglos AIRCRAFT

JOHN ASHCROFT

Governor

G. TRACY MEHAN III



Division of Energy
Division of Environmental Qualit
Division of Geology and Land Surve
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176
Jefferson City, MO 65102

June 15, 1989



SLRO

Mr. Kenneth L. Marks Kaybee and Associates 6427 Fallengate Drive Spring, Texas 77373

Dear Mr. Marks:

RE: Spent Caustic Wastestream

Your recent correspondence requested a clarification regarding a spent caustic wastestream generated by McDonnell Douglas, St. Louis, Missouri which is to be utilized by Reynolds Metals in Texas. Your letter indicated the spent caustic wastestream will be used as an effective substitute for a commercial product (namely, 50% fresh liquid caustic soda) in the production of alumina. It does appear as if this material satisfies the criteria in 40 CFR 261.2(e)(ii) and is not a solid waste and, therefore, not subject to the hazardous waste regulations when recycled in this manner.

If you have any questions, please do not hesitate to contact me at (314) 751-3176.

Sincerely,

DIVISION OF ENVIRONMENTAL QUALITY

Jan Skouby

Environmental Engineer Waste Management Program

js

cc: Reynolds Metals, P.O. Box 9177, Corpus Christi, Texas McDonnell Douglas, St. Louis, Missouri Saint Louis Regional Office 27.080 MC PORNELL VOUGLAS Hircraft

JOHN ASHCROFT

Governor

G. TRACY MEHAN III



Division of Energy
Division of Environmental Quality
Division of Geology and Land Surve
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

August 31, 1989

P.O. Box 176 Jefferson City, MO 65102

Mr. Joe Haake
Hazardous Waste Coordinator
McDonnell Douglas
Dept. 441C, Bldg. 80
Mail Code 0801800
P.O. Box 516
St. Louis, MD 63166-0516

SEP 01 1989

SLRO

Dear Mr. Haake:

The department is in receipt of your letter of August 10, 1989 requesting a determination of regulatory status regarding the burning for energy recovery of off-specification jet fuel. Please consider this letter our determination and reply.

According to your letter and our recent telephone conversations, your firm generates jet fuel as the result of a requirement to remove the fuel from the tanks of aircraft. At that point, the fuel no longer meets the specifications which are necessary for reuse in the aircraft. In the past, you have been providing for off-site management as a D001 hazardous waste through a contractor. It is now your desire to burn the off-specification jet fuel along with #2 fuel oil in your utility boilers for energy recovery.

The department agrees with your viewpoint that the off-specification jet fuel is not a solid waste when burned for energy recovery. This determination is based upon the provision found at 40 CFR 261.2 (c)(2)(ii), which appears to parallel and be supported by the letter of July 31, 1989 from EPA Headquarters to McDonnell Douglas.

Should you have need for further inquiry do not hesitate to contact this office.

Sincerely,

DIVISION OF ENVIRONMENTAL CHALITY

R. Bruce Martin

Environmental Specialist Waste Management Program

BM/bm

RECYCLED MEK USAGE							
MONTH _ J	Aw 93						
	QUAN	TITY RECEI	VED TO	RECYCLE			
	BLDG 48			BLDG 002	2		
1st WEEK	55	GALLONS		\bigcirc	GALLONS		
2nd WEEK	55	GALLONS			GALLONS		
3rd WEEK	7	GALLONS			GALLONS		
4th WEEK	35	GALLONS		0	GALLONS		
5th WEEK		GALLONS	North State (may disky desir-son	no finna divide minim kandi dalam kalma pinah quan divina divida	GALLONS		
The state of the s	165						
	PAINT SHOP	BLDG.	48	DEPT.	164B/C		
J	₩~ REC	YCLED MEK	USAGE				
MONTH _	№ 93						
	QUAN	NTITY RECYC	CLED &	RE-ISSUED			
ZISTOS CLARIC	BLDG 48	,	·	BLDG 00	2		
1st WEEK	55	GALLONS			GALLONS		
2nd WEEK	0	GALLONS			GALLONS		
3rd WEEK	55-	GALLONS		0	GALLONS		

GALLONS)

GALLONS

GALLONS

GALLONS

4th WEEK

5th WEEK

RECYCLED MEK USAGE

MONTH FEB 93

QUANTITY RECEIVED TO RECYCLE

•				
	BLDG 48		BLDG 002	
1st WEEK	110	GALLONS		GALLONS
2nd WEEK	35	GALLONS	0	GALLONS
3rd WEEK	55	GALLONS	0	GALLONS
4th WEEK	55	GALLONS	0	GALLONS
5th WEEK		GALLONS		GALLONS
	275			

PAINT SHOP BLDG. 48 DEPT. 164B/C

RECYCLED MEK USAGE

MONTH FEB 93

QUANTITY RECYCLED & RE-ISSUED

	BLDG 48	*	BLDG (002
1st WEEK	55	GALLONS		GALLONS
2nd WEEK	110	GALLONS		GALLONS
3rd WEEK	.410	GALLONS		GALLONS
4th WEEK	55	GALLONS	55	GALLONS
5th WEEK		GALLONS		GALLONS
¥	2			

RECYCLED MEK USAGE

MONTH MARCH 93

QUANTITY RECEIVED TO RECYCLE

			BLDG 48		BLDG C	002	
s	t WE	EEK	55	GALLONS	0	GALLONS	
2n	d WE	EEK	110	GALLONS	0	GALLONS	
31	d WE	EEK	" //0	GALLONS	0	GALLONS	
44	:h WE	EEK	55	GALLONS	1 Inom	GALLONS	
5t	h W	EEK		GALLONS	,	GALLONS	
			230		- 670 GAG 707-6	151 Gov. "	
			PAINT SHOP	BLDG.	4870.9 Lc 48 DEPT	. 164B/C	
1						į.	

RECYCLED MEK USAGE

MONTH MAKCh 93

QUANTITY RECYCLED & RE-ISSUED

	BLDG 48	BLDG 002		
1st WEEK	55	GALLONS		GALLONS
2nd WEEK	1 110	GALLONS	110	GALLONS
3rd WEEK	-1/0	GALLONS	* 0	GALLONS
4th WEEK	55	GALLONS	0	GALLONS
5th WEEK		GALLONS		GALLONS
	230	/5	STQ2T 70746 625 GPL	RECYCLEL

SOLVENT RECYCLING RECORD

DATE	MEK RECOVERED (gallons) .	RESIDUE GENERATED (nearest oz.)
1-29-92	55 gallons.	3413,
2-28-92	55 gilling.	3.5 L13.
3-28-92	55 gallano.	3.0 LB.
4-28-92	110 Gallans.	5.6213,
5-28-92	55 gallons.	3.043.
6-28-92	55 gallons.	3.0LB,
	385	21.1
	X 6.7	
•	2579.5	
9		2579.5 21.1
		2600.6
	1	
	·	Α.,
		·
Service Servic		
A		

McDONNELL DOUGLAS CORP. McDONNELL AIRCRAFT CO. ANALYTICAL CHEMISTRY LABORATORY

LABORATORY REPORT

ACL SAMPLE NUMBER: 9331-8 CUSTOMER SAMPLE NUMBER: 8556 SAMPLE DESCRIPTION: E C O BLDG 27 ANNUAL MO ID NO 037						
Date of Receipt : 05/05/92						
pH FLASHPOINT VOLATILES @ 100 °C VOLATILES @ 600 °C ASH REACTIVITY	6.7 UNITS >140 °F 89.03 % BY WEIGHT 99.84 % BY WEIGHT 0.16 % BY WEIGHT NEG					
CYANIDE	0.5 mg/kg 66 mg/kg 0.9800 <1000 mg/kg					

Kenneth Lee

Lead Engineer, Laboratory 102/D257/1022152/49824

T C L P CHARACTERISTICS

ACL SAMPLE NUMBER: 9331-8 CUSTOMER SAMPLE NUMBER: 8556
SAMPLE DESCRIPTION: E C O BLDG 27 ANNUAL
MO ID NO 037

MO	ID NO 037		•
CONTAMINANT	EPA	REGULATORY	SAMPLE
	HW	LEVEL	CONCENTRATION
	NUMB	(mg/l)	(mg/l)
Arsenic	D004	5.0	<0.1
Barium	D005	100.0	<10.0
Benzene	D018	0.5	<0.05
Cadmium	D006	1.0	<0.1
Carbon Tetrachloride	D019	0.5	<0.05
Chlordane	D020	0.03	*
Chlorobenzene	D021	100.0	<0.05
Chloroform	D022	6.0	<0.05
Chromium, Total	D007	5.0	<0.5
o-Cresol	D023	200.0	<0.20
m-Cresol	D024	200.0	<0.20
p-Cresol	D025	200.0	<0.20
Cresol	D026	200.0	<0.20
2,4-D	D016	10.0	*
1,4-Dichlorobenzene	D027	7.5	<0.20
1,2-Dichloroethane	D028	0.5	<0.05
1,1-Dichloroethylene	D028	0.7	<0.05
2,4-Dinitrotoluene	D023	0.13	<0.10
Endrin	D012	0.02	*
Heptachlor	D031	0.008	*
Hexachlorobenzene	D031	0.13	<0.10
Hexachlorobutadiene	D032	0.5	<0.20
Hexachloroethane	D034	3.0	<0.20
Lead	D008	5.0	<1.0
Lindane	D013	0.4	*
Mercury	D013	0.2	<0.02
	D014	10.0	*
Methoxychlor	D035	200.0	4.81
Methyl Ethyl Ketone Nitrobenzene		2.0	
	D036		<0.20
Pentachlorophenol	D037	100.0	<0.20 <0.20
Pyridine	D038	5.0	
Selenium	D010	1.0	<0.1
Silver	D011	5.0	<0.1
Tetrachloroethylene	D039	0.7	<0.05
Toxaphene	D015	0.5	*
Trichlorethylene	D040	0.5	<0.05
2,4,5-Trichlorophenol	D041	400.0	<0.20
2,4,6-Trichlorophenol	D042	2.0	<0.20
2,4,5-TP(Silvex)	D017	1.0	*
Vinyl Chloride	D043	0.2	<0.05
* - NOT DETERMINED DUE	TO NATURE	OF PROCESS WHI	CH GENERATED THIS

^{* -} NOT DETERMINED DUE TO NATURE OF PROCESS WHICH GENERATED THIS WASTE STREAM.

GAS CHROMATOGRAPHY/MASS SPECTROMETRY ORGANICS * USEPA SW-846 METHODS 8240/8270

	ACL SAMPLE: 9331-8	CUSTO	MER SAN	MPLE: <u>8556</u>	
	SAMPLE DESCRIPTION: E C O BL MO ID NO O		ANNU	AL	
	CONTAMINANT		SAMPLE	CONCENTRATION,	(mg/l)
->	1,1,1-TRICHLOROETHANE 2-HEXANONE 1,2-DICHLOROETHENE 1,1-DICHLOROETHANE 1,3-DIOXOLANE 3-METHYL-2,4-PENTANEDIOL 2,6-bis(1,1-DIMETHYLETHYL)-4-M	ETHYLI	PHENOL	97 2.9 0.14 1.10 0.29 1.01 1.47	

^{* -} ALL OTHER ORGANIC COMPOUNDS LISTED IN THESE METHODS WERE NOT DETECTED ABOVE A CONCENTRATION OF 0.05 mg/l.

CACT BREET Colornell Douglas Coccestion - Et. Lords Fedicities , , ,* UADES No. MC-66004782

ารูร์ที่ ซึก คู่ของ ระหลักสาร แบบ ก็ของของการ เมื่อสารม

The Federal Water Follution Control Fct ""Clean Water Act" Section 401 7 fblic Law 91-500, as amended) established the National Follutant Discharge Elemination System (NPDES) permit program. This amognam regulates the discharge of pollutants from point sounces into the waters of the United States. All such discharges are unlawful without a permit (Section 501 of the VOlean Water Act"). After a permit is obtained, a discharge not in concliance with all permit terms and conditions is unlawful. NPDES permits in Missouri are issued by the Director of the Department of Natural Resources under an approved NESCS program, clerating in accordance with federal and state laws (Federal "Clean Uster Act" and the "Missouri Clean Uster Law" Section 644 as abended).

AcDonnall Douglas Parospace, F.O. Eco 511, M/C 0343530, St. Louis, Missouri, 63164, was apolice for reissuance of DFDES Permit No. MG-0004732 for the McConnell Douglas Corporation - St. Louis Facilities in St. Louis, MO.

This facility discranges stormwater and/or non-contact cooling water from eight (a) outfalls. Cutfalls 002 and 004 combine prior to sampling and as such there are only seven (7) sampling points. The description of these cutfalls is as follows:

- #601 Stormwater and/or non-contact challing water from Tract 1 North.

 Total average dry weather flow is 346,000 gpd.
- #002 Stormwater and/or non-contact cocling water from Buildings 42, 45, 46. E1, and E2, hoshhouses and schembers. Total average dry weather flow is 99,400 apd.
- #COS Stimuster and/or non-contact cooling water from Buildings 1, 2, 3, 4. %, 5 and %] area. Total average only weather flow is 250,000 gpc.
- #004 Eams as 002
- #305 Stornwater And/or non-contact cooling water from Buildings 250 and 251.
 Total average dry weather flow is 25,500 gpd.
- 4006 Stormwater and/or non-contact cooling water from the headquarters building and overflow from two small concrete decorative basins at Building 106.

 Total average dry weather flow is 6,100 gpd.
- #007 Stormwater and/or nun-contact cooling water from Buildings 101, 105, 106 and 107.
 Total average dry weather flow is 320,000 gpd.

Outfails 131, 002, 007, FC: 007, and 011 mathenge to a torictary of Coldwator Insek. Outfail DIM clockings bisectly to Indomessar Greek. The Parility customarys statements and/or constituted cooking water at a preserve customarys untreaded storicustor Dresk. Theserve Ruler Basso), in Sections 4 and rate of 1.5 Mil true Colowator Dresk. Theserve Ruler Basso), in Sections 4 and 5 projected, Taxis, RES, St. Lowe Courty.

Descripting to 10 CER DV-T.OIL (Vater Quality Standards), histown! Department of Natural Resources Missiones the Clean Uniter Countission's water quality objectives in terms of water uses to be maintained and initeria to protect objectives in terms of water uses to be maintained and initerial discharges, those uses". For the portion of Coldwater Creek where this cutfall discharges, the Vater Cusify Standards uses the following beneficial water uses to be maintained:

Livestock, Wil Dies Watering: Protestions of Aduation Lives Despiting Materials Supply

In order to protect these isreficial uses and the water coality of Coldwater Cheek, efficient limitations are being established inder Federal and State laws. Suited by the Essituant Repulations and the Jatter Duality Standards, the Department has established the Stantations noted in the draft permit.

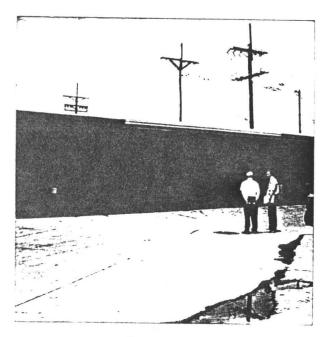
The self worstoning requirements for this discharge were developed by the Dopenthent of Datumal Resources in compliance with 10 CSR 1047.015.

The standard conditions attached to the draft central are applied to all NFDES benefities. They reflect requirements of federal (40 DFR 122) and state law (1) DER 20-Chapter 6) with respect to NPDET conditive outles, resummibilities and liabilities.

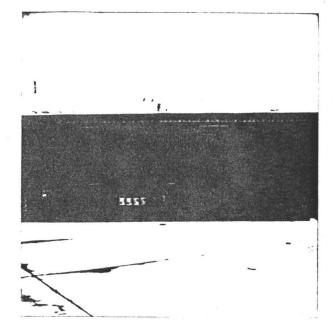
Tris permit will expane to a (E) years from the date of insumnee.

A copy of the public notice and this fact sheet are being forwanced to the applicant, the District Engineer of the U.S. Army Corps of Engineers, the Environmental Protection Agency, the U.S. Fish and Wildlife Service and the Environmental Protection Agency, the U.S. Fish and Wildlife Service and the Environment of Conservation. Sther interested individuals may obtain a copy on request by writing to the address listed below.

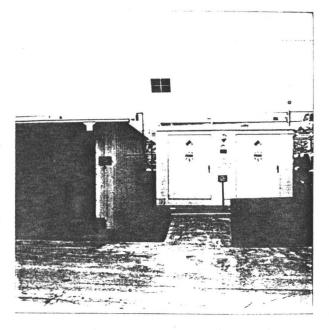
The proposed determinations of the draft permits are tentative pending the public obtice process. Fersons wishing to comment upon or object to the proposed determinations are invited to submit them in writing to: Department of Natural Resources, Division of Environmental Quality, (Missouri Clean Water Commission), P.O. Pox 176. Defferent City, Missouri 55011, RTTN; Men Arnola, Poting Thief of Permit Because, Flease include the application number of draft permit in all connect latters.



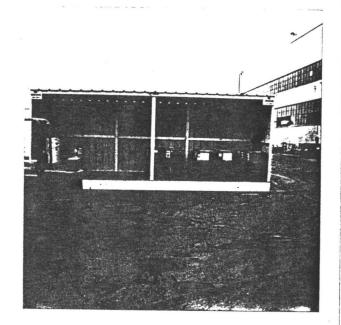
Bldg 27 Scrap Dock "Area 1"
Permitted Storage 6-10-13
JLT



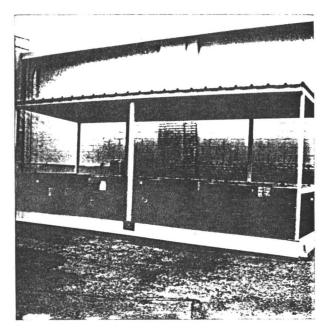
Bidy a7 Scrap Dock "Area 1"
Permitted Storage 6-10-73



Bilg 27 Scrap Dock "Area 2" MAPPER 6-16-93

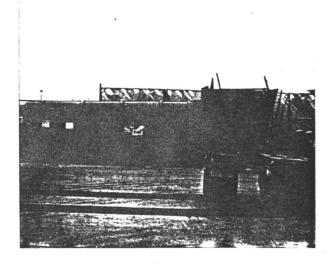


Bildy 2 (east) 290 storage Area month



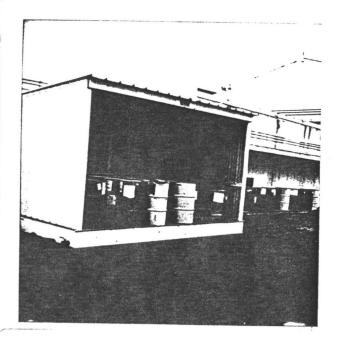
Bldy 51 490 Storage Area

MANA 6-11-93 JLT

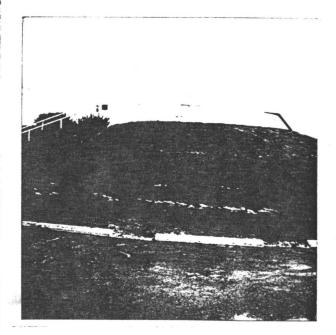


Bldy 51 Paint-solids roll-off (<90 day)

MONR (-11-43 JLT

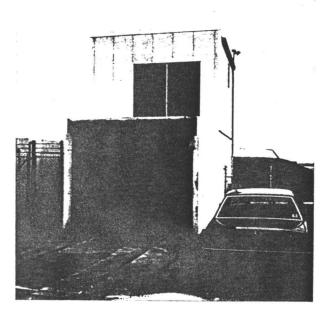


Bldg 45 < 90 storage Area Monra 6-11-93

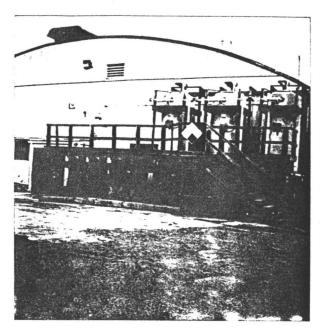


Bldg 14 Sludge Holding Tank (Permitted > 90 day)

MANG 347 6-11-13



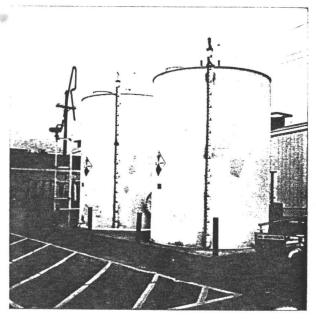
Eldy 14 Roll-off for Sludge (c90 day)



Bldy 52 Acid Tanks (H12, H13, H14)

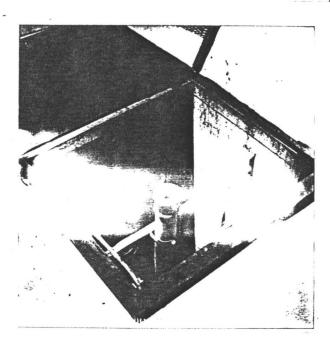
MANN
6-11-13

JULY



Bldg 52 Caustic Tanks (H19, H20)

MANNE
MENT
JET



Bldg 28 Waste Jet fuel Tank (5,000)



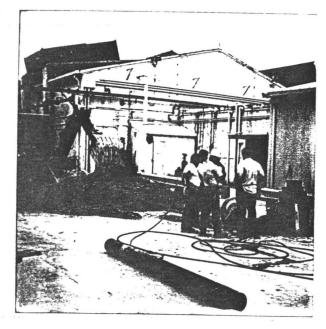
Area of F-18 s.lence: whiste Tank (Tank was removed)

MUNR 6-11-93 JLT



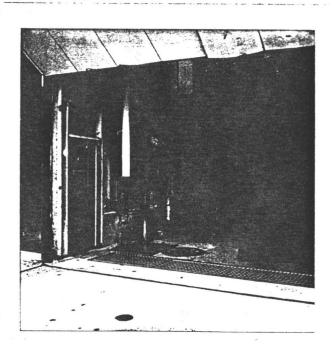
Area of Fuel pit #3 f #4 waste Jet-ful Tanks
(Tanks were removed)

Monra
6-11-53



Area of Hush House Waste Tank (Tank was removed)

MONR 6-11-93 JLT



Ramp Station #1 f a Whise Tank (Rdy 45 K)

(Tank not IN USE)

MONTH
6-11-17
TIT